

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG No.: BM062224

Instrument ID: BNA_M Calibration Date/Time: 6/22/2024 1:09:46

Lab File ID: BM046189.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4141 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.549	0.582	0.010	6.114	40.0
1,4-Dioxane	0.616	0.678	0.010	10.1555	40.0
Naphthalene	1.115	1.065	0.600	-4.495	30.0
1-Methylnaphthalene	0.689	0.749	0.300	8.723	30.0
2-Methylnaphthalene	0.628	0.608	0.300	-3.1487	30.0
Acenaphthylene	1.897	1.782	0.900	-6.0576	30.0
Acenaphthene	1.370	1.323	0.500	-3.4235	30.0
Fluorene	1.470	1.344	0.700	-8.5611	30.0
Pentachlorophenol	0.120	0.110	0.010	-8.4861	50.0
Phenanthrene	1.124	1.086	0.300	-3.3973	30.0
Anthracene	0.837	0.679	0.400	-18.8465	30.0
Fluoranthene	1.732	1.845	0.400	6.5235	30.0
Pyrene	1.873	1.964	0.500	4.8331	30.0
Benzo (a) anthracene	1.545	1.361	0.400	-11.894	30.0
Chrysene	1.972	2.056	0.400	4.2879	30.0
Benzo (b) fluoranthene	1.441	1.332	0.200	-7.5598	30.0
Benzo (k) fluoranthene	1.713	1.724	0.200	0.6299	30.0
Benzo (a) pyrene	1.335	1.287	0.200	-3.6379	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.066	0.200	-5.4674	30.0
Dibenzo (a,h) anthracene	1.627	1.553	0.200	-4.5836	30.0
Benzo (g,h,i) perylene	1.874	1.765	0.200	-5.8116	30.0
Fluoranthene-d10	1.198	1.230	0.400	2.6723	30.0
2-Methylnaphthalene-d10	0.537	0.538	0.300	0.2434	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.: BM062224 SAS No.: BM062224 SDG No.: BM062224
Instrument ID: BNA_M Calibration Date/Time: 6/22/2024 1: 20:45
Lab File ID: BM046206.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4142 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.549	0.561	0.010	2.2231	40.0
1,4-Dioxane	0.616	0.642	0.010	4.2478	40.0
Naphthalene	1.115	1.088	0.600	-2.4332	30.0
1-Methylnaphthalene	0.689	0.745	0.300	8.1079	30.0
2-Methylnaphthalene	0.628	0.615	0.300	-2.0558	30.0
Acenaphthylene	1.897	1.822	0.900	-3.9913	30.0
Acenaphthene	1.370	1.346	0.500	-1.7023	30.0
Fluorene	1.470	1.384	0.700	-5.8559	30.0
Pentachlorophenol	0.120	0.117	0.010	-2.0686	50.0
Phenanthrene	1.124	1.072	0.300	-4.5711	30.0
Anthracene	0.837	0.712	0.400	-14.9216	30.0
Fluoranthene	1.732	1.777	0.400	2.5774	30.0
Pyrene	1.873	1.935	0.500	3.2845	30.0
Benzo (a) anthracene	1.545	1.408	0.400	-8.8606	30.0
Chrysene	1.972	1.953	0.400	-0.9773	30.0
Benzo (b) fluoranthene	1.441	1.363	0.200	-5.3963	30.0
Benzo (k) fluoranthene	1.713	1.682	0.200	-1.8538	30.0
Benzo (a) pyrene	1.335	1.258	0.200	-5.7595	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.998	0.200	-8.5805	30.0
Dibenzo (a,h) anthracene	1.627	1.511	0.200	-7.1503	30.0
Benzo (g,h,i) perylene	1.874	1.679	0.200	-10.4095	30.0
Fluoranthene-d10	1.198	1.211	0.400	1.0916	30.0
2-Methylnaphthalene-d10	0.537	0.556	0.300	3.4682	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.: BM062224 SAS No.: BM062224 SDG No.: BM062224
Instrument ID: BNA_M Calibration Date/Time: 6/23/2024 1:07:45
Lab File ID: BM046223.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4143 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.616	0.683	0.010	10.9329	40.0
1,4-Dioxane-d8	0.549	0.533	0.010	-2.8292	40.0
Naphthalene	1.115	1.084	0.600	-2.8473	30.0
1-Methylnaphthalene	0.689	0.735	0.300	6.6265	30.0
2-Methylnaphthalene	0.628	0.626	0.300	-0.2266	30.0
Acenaphthylene	1.897	1.796	0.900	-5.3597	30.0
Acenaphthene	1.370	1.326	0.500	-3.2196	30.0
Fluorene	1.470	1.405	0.700	-4.4156	30.0
Pentachlorophenol	0.120	0.105	0.010	-12.3916	50.0
Phenanthrene	1.124	1.103	0.300	-1.8338	30.0
Anthracene	0.837	0.692	0.400	-17.2935	30.0
Fluoranthene	1.732	1.812	0.400	4.6408	30.0
Pyrene	1.873	1.947	0.500	3.9769	30.0
Benzo (a) anthracene	1.545	1.394	0.400	-9.7924	30.0
Chrysene	1.972	1.992	0.400	1.0357	30.0
Benzo (b) fluoranthene	1.441	1.325	0.200	-8.0808	30.0
Benzo (k) fluoranthene	1.713	1.725	0.200	0.6993	30.0
Benzo (a) pyrene	1.335	1.280	0.200	-4.1449	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.984	0.200	-9.2258	30.0
Dibenzo (a,h) anthracene	1.627	1.503	0.200	-7.6089	30.0
Benzo (g,h,i) perylene	1.874	1.683	0.200	-10.1857	30.0
Fluoranthene-d10	1.198	1.218	0.400	1.6996	30.0
2-Methylnaphthalene-d10	0.537	0.550	0.300	2.3182	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BM062224
Lab Sample ID:	PB161447BL	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
BM046190.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	4.008		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2268		7.413			
1146-65-2	Naphthalene-d8	6640		10.189			
15067-26-2	Acenaphthene-d10	3691		14.067			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BM062224
Lab Sample ID:	PB161447BL	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
BM046190.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7617	16.812				
1719-03-5	Chrysene-d12	5480	21.038				
1520-96-3	Perylene-d12	4540	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C90	SDG No.:	BM062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BM046191.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.94	U	0.94	0	7	ug/Kg
91-20-3	Naphthalene	15		0.21	0.87	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	8.4		0.55	0.87	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.2	0.87	3.5	ug/Kg
208-96-8	Acenaphthylene	50		0.35	0.87	3.5	ug/Kg
83-32-9	Acenaphthene	16		0.19	0.87	3.5	ug/Kg
86-73-7	Fluorene	21		0.23	0.87	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7	ug/Kg
85-01-8	Phenanthrene	200	E	0.19	0.87	3.5	ug/Kg
120-12-7	Anthracene	74	E	0.18	0.87	3.5	ug/Kg
206-44-0	Fluoranthene	250	E	0.19	0.87	3.5	ug/Kg
129-00-0	Pyrene	220	E	0.25	0.87	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.1	0.87	3.5	ug/Kg
218-01-9	Chrysene	120	E	0.26	0.87	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	0.49	0.87	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	E	0.34	0.87	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	130	E	0.34	0.87	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	E	0.55	0.87	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	21		0.49	0.87	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	E	0.79	0.87	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.553		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.214		30-130		53	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	1933		7.417			
1146-65-2	Naphthalene-d8	5613		10.198			
15067-26-2	Acenaphthene-d10	3270		14.066			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C90	SDG No.:	BM062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BM046191.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7200	16.806				
1719-03-5	Chrysene-d12	5927	21.006				
1520-96-3	Perylene-d12	7307	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.94	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C93	SDG No.:	BM062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046192.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	27		0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	68	E	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	25		0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	30		0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.8	J	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	370	E	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	110	E	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	710	E	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	490	E	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	370	E	0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	310	E	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	E	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	180	E	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53		0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.862		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.337		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2376		7.413			
1146-65-2	Naphthalene-d8	7189		10.183			
15067-26-2	Acenaphthene-d10	4044		14.058			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C93	SDG No.:	BM062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046192.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10069	16.804				
1719-03-5	Chrysene-d12	6612	21.006				
1520-96-3	Perylene-d12	8541	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C95	SDG No.:	BM062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM046193.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	26		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	53		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	78	E	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	70	E	0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	860	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	210	E	0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	1600	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	1000	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	730	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	610	E	0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	900	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	E	0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	350	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	E	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35		0.98	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.701		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2387		7.413			
1146-65-2	Naphthalene-d8	7163		10.183			
15067-26-2	Acenaphthene-d10	4081		14.058			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C95	SDG No.:	BM062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM046193.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9189	16.799				
1719-03-5	Chrysene-d12	6452	21.003				
1520-96-3	Perylene-d12	8530	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C96	SDG No.:	BM062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM046194.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	3.5	J	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.5	J	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	15		0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	5.6		0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	7		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	110	E	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	25		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	180	E	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	140	E	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	79	E	0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	73	E	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	36		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	86	E	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44		0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.496		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		20-140		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2168		7.413			
1146-65-2	Naphthalene-d8	6412		10.183			
15067-26-2	Acenaphthene-d10	3573		14.063			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C96	SDG No.:	BM062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM046194.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7688	16.804				
1719-03-5	Chrysene-d12	6190	21.009				
1520-96-3	Perylene-d12	6682	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4CA1	SDG No.:	BM062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.3
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
BM046195.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	2	J	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	J	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	6.8		0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	1.8	J	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	20		0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	7.1		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	44		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	38		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	26		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	19		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	38		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	27		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.2		0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.283		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	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	2199		7.413			
1146-65-2	Naphthalene-d8	6702		10.189			
15067-26-2	Acenaphthene-d10	3805		14.062			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4CA1	SDG No.:	BM062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.3
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
BM046195.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8220	16.808				
1719-03-5	Chrysene-d12	6588	21.008				
1520-96-3	Perylene-d12	7504	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D46	SDG No.:	BM062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
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
BM046196.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	18		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	15		0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	12		0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	98	E	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	89	E	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	880	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	240	E	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	1200	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	810	E	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	580	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	430	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	E	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	E	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	E	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.447		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2174		7.413			
1146-65-2	Naphthalene-d8	6581		10.183			
15067-26-2	Acenaphthene-d10	3822		14.058			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D46	SDG No.:	BM062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
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
BM046196.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8962	16.804				
1719-03-5	Chrysene-d12	6178	21.003				
1520-96-3	Perylene-d12	7712	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D59	SDG No.:	BM062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM046197.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	27		0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	17		0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	130	E	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	40		0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	53		0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	490	E	0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	180	E	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	940	E	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	650	E	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	550	E	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	380	E	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	E	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	310	E	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	E	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28		0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.133		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	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	2198		7.413			
1146-65-2	Naphthalene-d8	6686		10.182			
15067-26-2	Acenaphthene-d10	3816		14.061			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D59	SDG No.:	BM062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM046197.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8641	16.802				
1719-03-5	Chrysene-d12	6231	21.003				
1520-96-3	Perylene-d12	7675	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C97	SDG No.:	BM062224
Lab Sample ID:	P2775-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
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
BM046198.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	0.93	J	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	4.6		0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	1.8	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	22		0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	7.4		0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	40		0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	33		0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	21		0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	16		0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	31		0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.3	J	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.004		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.233		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2232		7.413			
1146-65-2	Naphthalene-d8	6912		10.187			
15067-26-2	Acenaphthene-d10	3868		14.061			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C97	SDG No.:	BM062224
Lab Sample ID:	P2775-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
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
BM046198.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8154	16.807				
1719-03-5	Chrysene-d12	6348	21.015				
1520-96-3	Perylene-d12	6831	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D54	SDG No.:	BM062224
Lab Sample ID:	P2775-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
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
BM046199.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	6.7		0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	J	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	3.5	J	0.22	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	17		0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	13		0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	16		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	180	E	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	53		0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	310	E	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	210	E	0.28	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	150	E	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	110	E	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	E	0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	E	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	92	E	0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53		0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20		0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.5		0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.899		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2169		7.413			
1146-65-2	Naphthalene-d8	6428		10.189			
15067-26-2	Acenaphthene-d10	3635		14.063			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D54	SDG No.:	BM062224
Lab Sample ID:	P2775-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
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
BM046199.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8095	16.808				
1719-03-5	Chrysene-d12	6295	21.006				
1520-96-3	Perylene-d12	7108	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C86	SDG No.:	BM062224
Lab Sample ID:	P2775-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
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
BM046200.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.9	ug/Kg
91-20-3	Naphthalene	0.27	U	0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.69	U	0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	2	J	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.24	U	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.29	U	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	9.4		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	3.2	J	0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	20		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	17		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	7.7		0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.4		0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5		0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	J	0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6		1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.616		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	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	2357		7.409			
1146-65-2	Naphthalene-d8	7225		10.182			
15067-26-2	Acenaphthene-d10	3960		14.061			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C86	SDG No.:	BM062224
Lab Sample ID:	P2775-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
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
BM046200.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8312	16.806				
1719-03-5	Chrysene-d12	6423	21.018				
1520-96-3	Perylene-d12	6867	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C87	SDG No.:	BM062224
Lab Sample ID:	P2775-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
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
BM046201.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	1.8	J	0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	1	J	0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	12		0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	4.3		0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	20		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	17		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	9.8		0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	7.2		0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	14		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.5		0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5		0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	J	0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.8		0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.531		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.251		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.246		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1998		7.413			
1146-65-2	Naphthalene-d8	6257		10.188			
15067-26-2	Acenaphthene-d10	3507		14.062			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C87	SDG No.:	BM062224
Lab Sample ID:	P2775-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
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
BM046201.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7186	16.808				
1719-03-5	Chrysene-d12	5758	21.02				
1520-96-3	Perylene-d12	5769	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C88	SDG No.:	BM062224
Lab Sample ID:	P2775-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
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
BM046202.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	0.97	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	1.2	J	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	7.8	ug/Kg
85-01-8	Phenanthrene	4.2		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	1.4	J	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	8.1		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	7.1		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	4.3		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	3.5	J	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.9		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.5	J	0.37	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	4.8		0.37	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.4	J	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	2.8	J	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.823		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.294		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1915		7.413			
1146-65-2	Naphthalene-d8	6034		10.183			
15067-26-2	Acenaphthene-d10	3329		14.063			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C88	SDG No.:	BM062224
Lab Sample ID:	P2775-10	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
BM046202.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6709	16.808				
1719-03-5	Chrysene-d12	5103	21.023				
1520-96-3	Perylene-d12	4946	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G64	SDG No.:	BM062224
Lab Sample ID:	P2961-01	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
BM046203.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

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	3.678		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2242	7.413				
1146-65-2	Naphthalene-d8	6927	10.183				
15067-26-2	Acenaphthene-d10	3843	14.063				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G64	SDG No.:	BM062224
Lab Sample ID:	P2961-01	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
BM046203.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7999	16.803				
1719-03-5	Chrysene-d12	6019	21.026				
1520-96-3	Perylene-d12	5722	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G86	SDG No.:	BM062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046204.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

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	0.03	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	J	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.303		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2198		7.413			
1146-65-2	Naphthalene-d8	6766		10.183			
15067-26-2	Acenaphthene-d10	3757		14.058			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G86	SDG No.:	BM062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046204.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7758	16.804				
1719-03-5	Chrysene-d12	5942	21.026				
1520-96-3	Perylene-d12	5098	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G87	SDG No.:	BM062224
Lab Sample ID:	P2961-03	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
BM046205.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

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	3.424		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.483		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2050		7.413			
1146-65-2	Naphthalene-d8	6321		10.178			
15067-26-2	Acenaphthene-d10	3537		14.058			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G87	SDG No.:	BM062224
Lab Sample ID:	P2961-03	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
BM046205.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7289	16.803				
1719-03-5	Chrysene-d12	5426	21.026				
1520-96-3	Perylene-d12	4464	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BM062224
Lab Sample ID:	PB161447BL	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
BM046207.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

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	4.031		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2670		7.413			
1146-65-2	Naphthalene-d8	8149		10.182			
15067-26-2	Acenaphthene-d10	4505		14.061			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BM062224
Lab Sample ID:	PB161447BL	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
BM046207.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9184	16.806				
1719-03-5	Chrysene-d12	6507	21.032				
1520-96-3	Perylene-d12	6026	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BM062224
Lab Sample ID:	PB161649BL	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
BM046208.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

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	4.76		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2447		7.409			
1146-65-2	Naphthalene-d8	7240		10.182			
15067-26-2	Acenaphthene-d10	3946		14.061			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BM062224
Lab Sample ID:	PB161649BL	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
BM046208.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7998	16.807				
1719-03-5	Chrysene-d12	5626	21.032				
1520-96-3	Perylene-d12	4710	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G88	SDG No.:	BM062224
Lab Sample ID:	P2961-04	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
BM046209.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

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	3.31		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.427		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2172	7.413				
1146-65-2	Naphthalene-d8	6663	10.182				
15067-26-2	Acenaphthene-d10	3686	14.061				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1G88	SDG No.:	BM062224
Lab Sample ID:	P2961-04	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
BM046209.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7624	16.806				
1719-03-5	Chrysene-d12	5852	21.021				
1520-96-3	Perylene-d12	5196	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9DL	SDG No.:	BM062224
Lab Sample ID:	P2754-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52
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
BM046210.D	5	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.3	U	9.3	0	70	ug/Kg
91-20-3	Naphthalene	10	JD	2.1	8.6	34	ug/Kg
90-12-0	1-Methylnaphthalene	5.4	U	5.4	8.6	34	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	8.6	34	ug/Kg
208-96-8	Acenaphthylene	21	JD	3.4	8.6	34	ug/Kg
83-32-9	Acenaphthene	19	JD	1.9	8.6	34	ug/Kg
86-73-7	Fluorene	20	JD	2.3	8.6	34	ug/Kg
87-86-5	Pentachlorophenol	21	U	21	17.4	70	ug/Kg
85-01-8	Phenanthrene	260	D	1.9	8.6	34	ug/Kg
120-12-7	Anthracene	72	D	1.8	8.6	34	ug/Kg
206-44-0	Fluoranthene	460	D	1.9	8.6	34	ug/Kg
129-00-0	Pyrene	310	D	2.5	8.6	34	ug/Kg
56-55-3	Benzo(a)anthracene	220	D	0.97	8.6	34	ug/Kg
218-01-9	Chrysene	180	D	2.6	8.6	34	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	D	4.9	8.6	34	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	3.3	8.6	34	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	3.3	8.6	34	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	D	5.4	8.6	34	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	4.9	8.6	34	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	7.8	8.6	34	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.82		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.33		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2274		7.421			
1146-65-2	Naphthalene-d8	6559		10.216			
15067-26-2	Acenaphthene-d10	3886		14.072			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9DL	SDG No.:	BM062224
Lab Sample ID:	P2754-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52
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
BM046210.D	5	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7580	16.816				
1719-03-5	Chrysene-d12	6391	21.014				
1520-96-3	Perylene-d12	7219	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0DL	SDG No.:	BM062224
Lab Sample ID:	P2754-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.4
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
BM046211.D	5	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.3	U	8.3	0	62	ug/Kg
91-20-3	Naphthalene	33	D	1.9	7.7	31	ug/Kg
90-12-0	1-Methylnaphthalene	15	JD	4.8	7.7	31	ug/Kg
91-57-6	2-Methylnaphthalene	18	JD	1.8	7.7	31	ug/Kg
208-96-8	Acenaphthylene	10	JD	3.1	7.7	31	ug/Kg
83-32-9	Acenaphthene	87	D	1.7	7.7	31	ug/Kg
86-73-7	Fluorene	100	D	2	7.7	31	ug/Kg
87-86-5	Pentachlorophenol	19	U	19	15.6	62	ug/Kg
85-01-8	Phenanthrene	920	ED	1.7	7.7	31	ug/Kg
120-12-7	Anthracene	350	D	1.6	7.7	31	ug/Kg
206-44-0	Fluoranthene	860	ED	1.7	7.7	31	ug/Kg
129-00-0	Pyrene	690	ED	2.2	7.7	31	ug/Kg
56-55-3	Benzo(a)anthracene	370	D	0.86	7.7	31	ug/Kg
218-01-9	Chrysene	250	D	2.3	7.7	31	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	D	4.4	7.7	31	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	3	7.7	31	ug/Kg
50-32-8	Benzo(a)pyrene	320	D	3	7.7	31	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	4.8	7.7	31	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	D	4.4	7.7	31	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	D	7	7.7	31	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.75		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2571		7.417			
1146-65-2	Naphthalene-d8	7416		10.211			
15067-26-2	Acenaphthene-d10	4313		14.067			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0DL	SDG No.:	BM062224
Lab Sample ID:	P2754-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.4
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
BM046211.D	5	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8681	16.812				
1719-03-5	Chrysene-d12	7302	21.011				
1520-96-3	Perylene-d12	7918	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1DL	SDG No.:	BM062224
Lab Sample ID:	P2754-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.6
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
BM046212.D	5	6/10/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.9	U	5.9	0	44	ug/Kg
91-20-3	Naphthalene	8.8	JD	1.3	5.5	22	ug/Kg
90-12-0	1-Methylnaphthalene	3.4	U	3.4	5.5	22	ug/Kg
91-57-6	2-Methylnaphthalene	5.1	JD	1.3	5.5	22	ug/Kg
208-96-8	Acenaphthylene	18	JD	2.2	5.5	22	ug/Kg
83-32-9	Acenaphthene	5.7	JD	1.2	5.5	22	ug/Kg
86-73-7	Fluorene	7.7	JD	1.5	5.5	22	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	11.1	44	ug/Kg
85-01-8	Phenanthrene	130	D	1.2	5.5	22	ug/Kg
120-12-7	Anthracene	32	D	1.1	5.5	22	ug/Kg
206-44-0	Fluoranthene	290	D	1.2	5.5	22	ug/Kg
129-00-0	Pyrene	200	D	1.6	5.5	22	ug/Kg
56-55-3	Benzo(a)anthracene	140	D	0.61	5.5	22	ug/Kg
218-01-9	Chrysene	120	D	1.7	5.5	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	D	3.1	5.5	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	D	2.1	5.5	22	ug/Kg
50-32-8	Benzo(a)pyrene	85	D	2.1	5.5	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	D	3.4	5.5	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	D	3.1	5.5	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	5	5.5	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.87		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.46		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.45		20-140		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2478		7.417			
1146-65-2	Naphthalene-d8	7288		10.209			
15067-26-2	Acenaphthene-d10	4279		14.066			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1DL	SDG No.:	BM062224
Lab Sample ID:	P2754-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.6
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
BM046212.D	5	6/10/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8367	16.815				
1719-03-5	Chrysene-d12	6964	21.012				
1520-96-3	Perylene-d12	8166	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4DL	SDG No.:	BM062224
Lab Sample ID:	P2754-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52.8
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
BM046213.D	5	6/10/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.4	U	9.4	0	71	ug/Kg
91-20-3	Naphthalene	12	JD	2.1	8.7	35	ug/Kg
90-12-0	1-Methylnaphthalene	5.5	U	5.5	8.7	35	ug/Kg
91-57-6	2-Methylnaphthalene	7.4	JD	2	8.7	35	ug/Kg
208-96-8	Acenaphthylene	20	JD	3.5	8.7	35	ug/Kg
83-32-9	Acenaphthene	24	JD	1.9	8.7	35	ug/Kg
86-73-7	Fluorene	26	JD	2.3	8.7	35	ug/Kg
87-86-5	Pentachlorophenol	21	U	21	17.7	71	ug/Kg
85-01-8	Phenanthrene	290	D	1.9	8.7	35	ug/Kg
120-12-7	Anthracene	75	D	1.8	8.7	35	ug/Kg
206-44-0	Fluoranthene	440	D	1.9	8.7	35	ug/Kg
129-00-0	Pyrene	300	D	2.5	8.7	35	ug/Kg
56-55-3	Benzo(a)anthracene	220	D	0.99	8.7	35	ug/Kg
218-01-9	Chrysene	160	D	2.6	8.7	35	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	D	5	8.7	35	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	D	3.4	8.7	35	ug/Kg
50-32-8	Benzo(a)pyrene	120	D	3.4	8.7	35	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	D	5.5	8.7	35	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	JD	5	8.7	35	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	7.9	8.7	35	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.655		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.47		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.425		20-140		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2609	7.417				
1146-65-2	Naphthalene-d8	7903	10.205				
15067-26-2	Acenaphthene-d10	4570	14.067				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4DL	SDG No.:	BM062224
Lab Sample ID:	P2754-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52.8
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
BM046213.D	5	6/10/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161410

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9231	16.812				
1719-03-5	Chrysene-d12	7721	21.012				
1520-96-3	Perylene-d12	8515	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C90DL	SDG No.:	BM062224
Lab Sample ID:	P2775-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BM046214.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	35	ug/Kg
91-20-3	Naphthalene	16	JD	1.1	4.3	17	ug/Kg
90-12-0	1-Methylnaphthalene	9.3	JD	2.7	4.3	17	ug/Kg
91-57-6	2-Methylnaphthalene	11	JD	1	4.3	17	ug/Kg
208-96-8	Acenaphthylene	48	D	1.7	4.3	17	ug/Kg
83-32-9	Acenaphthene	16	JD	0.95	4.3	17	ug/Kg
86-73-7	Fluorene	22	D	1.2	4.3	17	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.8	35	ug/Kg
85-01-8	Phenanthrene	220	D	0.95	4.3	17	ug/Kg
120-12-7	Anthracene	73	D	0.89	4.3	17	ug/Kg
206-44-0	Fluoranthene	250	D	0.95	4.3	17	ug/Kg
129-00-0	Pyrene	230	D	1.3	4.3	17	ug/Kg
56-55-3	Benzo(a)anthracene	130	D	0.49	4.3	17	ug/Kg
218-01-9	Chrysene	110	D	1.3	4.3	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	D	2.5	4.3	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	D	1.7	4.3	17	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	1.7	4.3	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	D	2.7	4.3	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22	D	2.5	4.3	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85	D	3.9	4.3	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.615		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2391		7.426			
1146-65-2	Naphthalene-d8	6680		10.231			
15067-26-2	Acenaphthene-d10	4055		14.075			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C90DL	SDG No.:	BM062224
Lab Sample ID:	P2775-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BM046214.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7881	16.819				
1719-03-5	Chrysene-d12	6851	21.009				
1520-96-3	Perylene-d12	7969	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C93DL	SDG No.:	BM062224
Lab Sample ID:	P2775-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046215.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	38	ug/Kg
91-20-3	Naphthalene	29	D	1.1	4.6	19	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	2.9	4.6	19	ug/Kg
91-57-6	2-Methylnaphthalene	19	D	1.1	4.6	19	ug/Kg
208-96-8	Acenaphthylene	68	D	1.9	4.6	19	ug/Kg
83-32-9	Acenaphthene	26	D	1	4.6	19	ug/Kg
86-73-7	Fluorene	30	D	1.2	4.6	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.4	38	ug/Kg
85-01-8	Phenanthrene	440	ED	1	4.6	19	ug/Kg
120-12-7	Anthracene	130	D	0.96	4.6	19	ug/Kg
206-44-0	Fluoranthene	680	ED	1	4.6	19	ug/Kg
129-00-0	Pyrene	490	ED	1.3	4.6	19	ug/Kg
56-55-3	Benzo(a)anthracene	370	ED	0.52	4.6	19	ug/Kg
218-01-9	Chrysene	290	D	1.4	4.6	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	ED	2.6	4.6	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	1.8	4.6	19	ug/Kg
50-32-8	Benzo(a)pyrene	190	D	1.8	4.6	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	2.9	4.6	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	D	2.6	4.6	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21	D	4.2	4.6	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.02		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2555		7.421			
1146-65-2	Naphthalene-d8	7387		10.215			
15067-26-2	Acenaphthene-d10	4336		14.066			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C93DL	SDG No.:	BM062224
Lab Sample ID:	P2775-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046215.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8967	16.811				
1719-03-5	Chrysene-d12	7763	21.006				
1520-96-3	Perylene-d12	9236	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C95DL	SDG No.:	BM062224
Lab Sample ID:	P2775-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM046216.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	44	ug/Kg
91-20-3	Naphthalene	26	D	1.3	5.4	21	ug/Kg
90-12-0	1-Methylnaphthalene	11	JD	3.4	5.4	21	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	1.2	5.4	21	ug/Kg
208-96-8	Acenaphthylene	51	D	2.1	5.4	21	ug/Kg
83-32-9	Acenaphthene	77	D	1.2	5.4	21	ug/Kg
86-73-7	Fluorene	65	D	1.4	5.4	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.9	44	ug/Kg
85-01-8	Phenanthrene	930	ED	1.2	5.4	21	ug/Kg
120-12-7	Anthracene	210	D	1.1	5.4	21	ug/Kg
206-44-0	Fluoranthene	1500	ED	1.2	5.4	21	ug/Kg
129-00-0	Pyrene	970	ED	1.6	5.4	21	ug/Kg
56-55-3	Benzo(a)anthracene	700	ED	0.61	5.4	21	ug/Kg
218-01-9	Chrysene	550	ED	1.6	5.4	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	930	ED	3.1	5.4	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	D	2.1	5.4	21	ug/Kg
50-32-8	Benzo(a)pyrene	360	ED	2.1	5.4	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	D	3.4	5.4	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96	D	3.1	5.4	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	D	4.9	5.4	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.6		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2674		7.422			
1146-65-2	Naphthalene-d8	7686		10.215			
15067-26-2	Acenaphthene-d10	4473		14.071			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C95DL	SDG No.:	BM062224
Lab Sample ID:	P2775-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM046216.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8904	16.811				
1719-03-5	Chrysene-d12	7612	21.003				
1520-96-3	Perylene-d12	8921	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C96DL	SDG No.:	BM062224
Lab Sample ID:	P2775-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM046217.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	38	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.6	19	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	U	2.9	4.6	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.6	19	ug/Kg
208-96-8	Acenaphthylene	13	JD	1.9	4.6	19	ug/Kg
83-32-9	Acenaphthene	4.7	JD	1	4.6	19	ug/Kg
86-73-7	Fluorene	6	JD	1.2	4.6	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.4	38	ug/Kg
85-01-8	Phenanthrene	95	D	1	4.6	19	ug/Kg
120-12-7	Anthracene	21	D	0.95	4.6	19	ug/Kg
206-44-0	Fluoranthene	160	D	1	4.6	19	ug/Kg
129-00-0	Pyrene	130	D	1.3	4.6	19	ug/Kg
56-55-3	Benzo(a)anthracene	70	D	0.52	4.6	19	ug/Kg
218-01-9	Chrysene	58	D	1.4	4.6	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	2.6	4.6	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	35	D	1.8	4.6	19	ug/Kg
50-32-8	Benzo(a)pyrene	73	D	1.8	4.6	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	D	2.9	4.6	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10	JD	2.6	4.6	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	D	4.2	4.6	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.98		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3092		7.413			
1146-65-2	Naphthalene-d8	9599		10.204			
15067-26-2	Acenaphthene-d10	5553		14.066			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4C96DL	SDG No.:	BM062224
Lab Sample ID:	P2775-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM046217.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10869	16.815				
1719-03-5	Chrysene-d12	8856	21.015				
1520-96-3	Perylene-d12	9989	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D46DL	SDG No.:	BM062224
Lab Sample ID:	P2775-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
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
BM046218.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1	U	5.1	0	39	ug/Kg
91-20-3	Naphthalene	19	D	1.2	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	13	JD	3	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	13	JD	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	96	D	1	4.7	19	ug/Kg
86-73-7	Fluorene	84	D	1.3	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.6	39	ug/Kg
85-01-8	Phenanthrene	980	ED	1	4.7	19	ug/Kg
120-12-7	Anthracene	250	D	0.98	4.7	19	ug/Kg
206-44-0	Fluoranthene	1200	ED	1	4.7	19	ug/Kg
129-00-0	Pyrene	810	ED	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	560	ED	0.54	4.7	19	ug/Kg
218-01-9	Chrysene	380	ED	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	610	ED	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	260	D	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	D	3	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	D	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	D	4.3	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.19		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2439		7.421			
1146-65-2	Naphthalene-d8	6990		10.22			
15067-26-2	Acenaphthene-d10	4111		14.071			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D46DL	SDG No.:	BM062224
Lab Sample ID:	P2775-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
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
BM046218.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8199	16.811				
1719-03-5	Chrysene-d12	6847	21.006				
1520-96-3	Perylene-d12	8032	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D59DL	SDG No.:	BM062224
Lab Sample ID:	P2775-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM046219.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	40	ug/Kg
91-20-3	Naphthalene	21	D	1.2	4.9	19	ug/Kg
90-12-0	1-Methylnaphthalene	9.8	JD	3.1	4.9	19	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	1.1	4.9	19	ug/Kg
208-96-8	Acenaphthylene	100	D	1.9	4.9	19	ug/Kg
83-32-9	Acenaphthene	33	D	1.1	4.9	19	ug/Kg
86-73-7	Fluorene	42	D	1.3	4.9	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.9	40	ug/Kg
85-01-8	Phenanthrene	430	ED	1.1	4.9	19	ug/Kg
120-12-7	Anthracene	160	D	1	4.9	19	ug/Kg
206-44-0	Fluoranthene	800	ED	1.1	4.9	19	ug/Kg
129-00-0	Pyrene	580	ED	1.4	4.9	19	ug/Kg
56-55-3	Benzo(a)anthracene	470	ED	0.55	4.9	19	ug/Kg
218-01-9	Chrysene	320	ED	1.5	4.9	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	ED	2.8	4.9	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	1.9	4.9	19	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	1.9	4.9	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	3.1	4.9	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	D	2.8	4.9	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	D	4.4	4.9	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.15		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2670		7.417			
1146-65-2	Naphthalene-d8	9135		10.216			
15067-26-2	Acenaphthene-d10	5312		14.067			

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D59DL	SDG No.:	BM062224
Lab Sample ID:	P2775-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM046219.D	5	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10461	16.812				
1719-03-5	Chrysene-d12	8284	21.006				
1520-96-3	Perylene-d12	11701	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BM062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.2
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
BM046220.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	9.2	ug/Kg
91-20-3	Naphthalene	2.3	J	0.27	1.1	4.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.71	U	0.71	1.1	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	J	0.26	1.1	4.5	ug/Kg
208-96-8	Acenaphthylene	6		0.45	1.1	4.5	ug/Kg
83-32-9	Acenaphthene	2.7	J	0.25	1.1	4.5	ug/Kg
86-73-7	Fluorene	3.1	J	0.3	1.1	4.5	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.3	9.2	ug/Kg
85-01-8	Phenanthrene	45		0.25	1.1	4.5	ug/Kg
120-12-7	Anthracene	13		0.23	1.1	4.5	ug/Kg
206-44-0	Fluoranthene	100	E	0.25	1.1	4.5	ug/Kg
129-00-0	Pyrene	57		0.33	1.1	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	51		0.13	1.1	4.5	ug/Kg
218-01-9	Chrysene	43		0.34	1.1	4.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	E	0.65	1.1	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	29		0.44	1.1	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	25		0.44	1.1	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		0.71	1.1	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9		0.65	1.1	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.8	J	1	1.1	4.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.228		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2281		7.409			
1146-65-2	Naphthalene-d8	6918		10.187			
15067-26-2	Acenaphthene-d10	3881		14.061			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BM062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.2
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
BM046220.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8200	16.802				
1719-03-5	Chrysene-d12	6466	21.009				
1520-96-3	Perylene-d12	6957	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BM062224
Lab Sample ID:	PB161649BS	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
BM046221.D	1	6/21/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.67		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	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		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	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		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	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.721		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1650	7.476				
1146-65-2	Naphthalene-d8	5728	10.266				
15067-26-2	Acenaphthene-d10	3484	14.095				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BM062224
Lab Sample ID:	PB161649BS	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
BM046221.D	1	6/21/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6473	16.854				
1719-03-5	Chrysene-d12	5241	21.026				
1520-96-3	Perylene-d12	6972	23.115				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BM062224
Lab Sample ID:	PB161447BS	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
BM046222.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	10		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	9.8		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	10		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	10		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	17		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	8		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	9.5		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	9.8		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	11		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.7		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	9.9		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.625		15-120		78	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1420	7.497				
1146-65-2	Naphthalene-d8	5263	10.281				
15067-26-2	Acenaphthene-d10	3114	14.098				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BM062224
Lab Sample ID:	PB161447BS	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
BM046222.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5796	16.861				
1719-03-5	Chrysene-d12	4615	21.035				
1520-96-3	Perylene-d12	6380	23.122				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BP9DL								
P2754-10DL	A4BP9DL	Solid	Total Alkanes	*	0.000	D 9.3	70	ug/Kg
			Total Tics :			0.00		
P2754-10DL	A4BP9DL	Solid	Acenaphthene		19.000	JD 1.9	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Acenaphthylene		21.000	JD 3.4	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Anthracene		72.000	D 1.8	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Benzo(a)anthracene		220.000	D 0.97	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Benzo(a)pyrene		130.000	D 3.3	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Benzo(b)fluoranthene		340.000	D 4.9	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Benzo(g,h,i)perylene		14.000	JD 7.8	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Benzo(k)fluoranthene		120.000	D 3.3	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Chrysene		180.000	D 2.6	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Dibenzo(a,h)anthracene		34.000	D 4.9	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Fluoranthene		460.000	D 1.9	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Fluorene		20.000	JD 2.3	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Indeno(1,2,3-cd)pyrene		84.000	D 5.4	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Naphthalene		10.000	JD 2.1	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Phenanthrene		260.000	D 1.9	34	ug/Kg
P2754-10DL	A4BP9DL	Solid	Pyrene		310.000	D 2.5	34	ug/Kg
			Total Svoc :			2,294.00		
			Total Concentration:			2,294.00		
Client ID : A4BQ0DL								
P2754-11DL	A4BQ0DL	Solid	Total Alkanes	*	0.000	D 8.3	62	ug/Kg
			Total Tics :			0.00		
P2754-11DL	A4BQ0DL	Solid	1-Methylnaphthalene		15.000	JD 4.8	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	2-Methylnaphthalene		18.000	JD 1.8	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Acenaphthene		87.000	D 1.7	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Acenaphthylene		10.000	JD 3.1	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Anthracene		350.000	D 1.6	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Benzo(a)anthracene		370.000	D 0.86	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Benzo(a)pyrene		320.000	D 3	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Benzo(b)fluoranthene		390.000	D 4.4	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Benzo(g,h,i)perylene		140.000	D 7	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Benzo(k)fluoranthene		120.000	D 3	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Chrysene		250.000	D 2.3	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Dibenzo(a,h)anthracene		33.000	D 4.4	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Fluoranthene		860.000	ED 1.7	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Fluorene		100.000	D 2	31	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-11DL	A4BQ0DL	Solid	Indeno(1,2,3-cd)pyrene	120.000	D	4.8	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Naphthalene	33.000	D	1.9	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Phenanthrene	920.000	ED	1.7	31	ug/Kg
P2754-11DL	A4BQ0DL	Solid	Pyrene	690.000	ED	2.2	31	ug/Kg
Total Svoc :				4,826.00				
Total Concentration:				4,826.00				
Client ID : A4BQ1DL								
P2754-17DL	A4BQ1DL	Solid	Total Alkanes	*	0.000	D 5.9	44	ug/Kg
Total Tics :				0.00				
P2754-17DL	A4BQ1DL	Solid	2-Methylnaphthalene	5.100	JD	1.3	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Acenaphthene	5.700	JD	1.2	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Acenaphthylene	18.000	JD	2.2	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Anthracene	32.000	D	1.1	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Benzo(a)anthracene	140.000	D	0.61	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Benzo(a)pyrene	85.000	D	2.1	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Benzo(b)fluoranthene	260.000	D	3.1	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Benzo(g,h,i)perylene	11.000	JD	5	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Benzo(k)fluoranthene	78.000	D	2.1	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Chrysene	120.000	D	1.7	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Dibenzo(a,h)anthracene	26.000	D	3.1	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Fluoranthene	290.000	D	1.2	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Fluorene	7.700	JD	1.5	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Indeno(1,2,3-cd)pyrene	66.000	D	3.4	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Naphthalene	8.800	JD	1.3	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Phenanthrene	130.000	D	1.2	22	ug/Kg
P2754-17DL	A4BQ1DL	Solid	Pyrene	200.000	D	1.6	22	ug/Kg
Total Svoc :				1,483.30				
Total Concentration:				1,483.30				
Client ID : A4BQ4DL								
P2754-18DL	A4BQ4DL	Solid	Total Alkanes	*	0.000	D 9.4	71	ug/Kg
Total Tics :				0.00				
P2754-18DL	A4BQ4DL	Solid	2-Methylnaphthalene	7.400	JD	2	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Acenaphthene	24.000	JD	1.9	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Acenaphthylene	20.000	JD	3.5	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Anthracene	75.000	D	1.8	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Benzo(a)anthracene	220.000	D	0.99	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Benzo(a)pyrene	120.000	D	3.4	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Benzo(b)fluoranthene	310.000	D	5	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Benzo(g,h,i)perylene	14.000	JD	7.9	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Benzo(k)fluoranthene	100.000	D	3.4	35	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-18DL	A4BQ4DL	Solid	Chrysene	160.000	D	2.6	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Dibenzo(a,h)anthracene	32.000	JD	5	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Fluoranthene	440.000	D	1.9	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Fluorene	26.000	JD	2.3	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Indeno(1,2,3-cd)pyrene	75.000	D	5.5	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Naphthalene	12.000	JD	2.1	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Phenanthrene	290.000	D	1.9	35	ug/Kg
P2754-18DL	A4BQ4DL	Solid	Pyrene	300.000	D	2.5	35	ug/Kg
Total Svoc :				2,225.40				
Total Concentration:				2,225.40				
Client ID :	A4C86							
P2775-08	A4C86	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
Total Tics :				0.00				
P2775-08	A4C86	Solid	Acenaphthylene	2.000	J	0.44	4.4	ug/Kg
P2775-08	A4C86	Solid	Anthracene	3.200	J	0.23	4.4	ug/Kg
P2775-08	A4C86	Solid	Benzo(a)anthracene	10.000		0.12	4.4	ug/Kg
P2775-08	A4C86	Solid	Benzo(a)pyrene	11.000		0.43	4.4	ug/Kg
P2775-08	A4C86	Solid	Benzo(b)fluoranthene	15.000		0.63	4.4	ug/Kg
P2775-08	A4C86	Solid	Benzo(g,h,i)perylene	6.000		1	4.4	ug/Kg
P2775-08	A4C86	Solid	Benzo(k)fluoranthene	4.400		0.43	4.4	ug/Kg
P2775-08	A4C86	Solid	Chrysene	7.700		0.33	4.4	ug/Kg
P2775-08	A4C86	Solid	Dibenzo(a,h)anthracene	1.600	J	0.63	4.4	ug/Kg
P2775-08	A4C86	Solid	Fluoranthene	20.000		0.24	4.4	ug/Kg
P2775-08	A4C86	Solid	Indeno(1,2,3-cd)pyrene	5.000		0.69	4.4	ug/Kg
P2775-08	A4C86	Solid	Phenanthrene	9.400		0.24	4.4	ug/Kg
P2775-08	A4C86	Solid	Pyrene	17.000		0.32	4.4	ug/Kg
Total Svoc :				112.30				
Total Concentration:				112.30				
Client ID :	A4C87							
P2775-09	A4C87	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
P2775-09	A4C87	Solid	Acenaphthylene	1.800	J	0.37	3.7	ug/Kg
P2775-09	A4C87	Solid	Anthracene	4.300		0.19	3.7	ug/Kg
P2775-09	A4C87	Solid	Benzo(a)anthracene	9.800		0.1	3.7	ug/Kg
P2775-09	A4C87	Solid	Benzo(a)pyrene	11.000		0.35	3.7	ug/Kg
P2775-09	A4C87	Solid	Benzo(b)fluoranthene	14.000		0.52	3.7	ug/Kg
P2775-09	A4C87	Solid	Benzo(g,h,i)perylene	5.800		0.83	3.7	ug/Kg
P2775-09	A4C87	Solid	Benzo(k)fluoranthene	4.500		0.35	3.7	ug/Kg
P2775-09	A4C87	Solid	Chrysene	7.200		0.28	3.7	ug/Kg
P2775-09	A4C87	Solid	Dibenzo(a,h)anthracene	1.500	J	0.52	3.7	ug/Kg

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SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-09	A4C87	Solid	Fluoranthene	20.000		0.2	3.7	ug/Kg
P2775-09	A4C87	Solid	Fluorene	1.000	J	0.24	3.7	ug/Kg
P2775-09	A4C87	Solid	Indeno(1,2,3-cd)pyrene	5.000		0.58	3.7	ug/Kg
P2775-09	A4C87	Solid	Phenanthrene	12.000		0.2	3.7	ug/Kg
P2775-09	A4C87	Solid	Pyrene	17.000		0.27	3.7	ug/Kg
Total Svoc :				114.90				
Total Concentration:				114.90				
Client ID :	A4C88							
P2775-10	A4C88	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P2775-10	A4C88	Solid	Acenaphthylene	1.200	J	0.39	3.9	ug/Kg
P2775-10	A4C88	Solid	Anthracene	1.400	J	0.2	3.9	ug/Kg
P2775-10	A4C88	Solid	Benzo(a)anthracene	4.300		0.11	3.9	ug/Kg
P2775-10	A4C88	Solid	Benzo(a)pyrene	4.800		0.37	3.9	ug/Kg
P2775-10	A4C88	Solid	Benzo(b)fluoranthene	6.900		0.55	3.9	ug/Kg
P2775-10	A4C88	Solid	Benzo(g,h,i)perylene	2.800	J	0.88	3.9	ug/Kg
P2775-10	A4C88	Solid	Benzo(k)fluoranthene	2.500	J	0.37	3.9	ug/Kg
P2775-10	A4C88	Solid	Chrysene	3.500	J	0.29	3.9	ug/Kg
P2775-10	A4C88	Solid	Fluoranthene	8.100		0.21	3.9	ug/Kg
P2775-10	A4C88	Solid	Indeno(1,2,3-cd)pyrene	2.400	J	0.61	3.9	ug/Kg
P2775-10	A4C88	Solid	Phenanthrene	4.200		0.21	3.9	ug/Kg
P2775-10	A4C88	Solid	Pyrene	7.100		0.28	3.9	ug/Kg
Total Svoc :				49.20				
Total Concentration:				49.20				
Client ID :	A4C90							
P2775-11	A4C90	Solid	Total Alkanes	*	0.000	0.94	7	ug/Kg
Total Tics :				0.00				
P2775-11	A4C90	Solid	1-Methylnaphthalene	8.400		0.55	3.5	ug/Kg
P2775-11	A4C90	Solid	2-Methylnaphthalene	11.000		0.2	3.5	ug/Kg
P2775-11	A4C90	Solid	Acenaphthene	16.000		0.19	3.5	ug/Kg
P2775-11	A4C90	Solid	Acenaphthylene	50.000		0.35	3.5	ug/Kg
P2775-11	A4C90	Solid	Anthracene	74.000	E	0.18	3.5	ug/Kg
P2775-11	A4C90	Solid	Benzo(a)anthracene	130.000	E	0.1	3.5	ug/Kg
P2775-11	A4C90	Solid	Benzo(a)pyrene	130.000	E	0.34	3.5	ug/Kg
P2775-11	A4C90	Solid	Benzo(b)fluoranthene	180.000	E	0.49	3.5	ug/Kg
P2775-11	A4C90	Solid	Benzo(g,h,i)perylene	80.000	E	0.79	3.5	ug/Kg
P2775-11	A4C90	Solid	Benzo(k)fluoranthene	57.000	E	0.34	3.5	ug/Kg
P2775-11	A4C90	Solid	Chrysene	120.000	E	0.26	3.5	ug/Kg
P2775-11	A4C90	Solid	Dibenzo(a,h)anthracene	21.000		0.49	3.5	ug/Kg
P2775-11	A4C90	Solid	Fluoranthene	250.000	E	0.19	3.5	ug/Kg

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SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-11	A4C90	Solid	Fluorene	21.000		0.23	3.5	ug/Kg
P2775-11	A4C90	Solid	Indeno(1,2,3-cd)pyrene	66.000	E	0.55	3.5	ug/Kg
P2775-11	A4C90	Solid	Naphthalene	15.000		0.21	3.5	ug/Kg
P2775-11	A4C90	Solid	Phenanthrene	200.000	E	0.19	3.5	ug/Kg
P2775-11	A4C90	Solid	Pyrene	220.000	E	0.25	3.5	ug/Kg
Total Svoc :				1,649.40				
Total Concentration:				1,649.40				
Client ID : A4C90DL								
P2775-11DL	A4C90DL	Solid	Total Alkanes	*	0.000	D 4.7	35	ug/Kg
Total Tics :				0.00				
P2775-11DL	A4C90DL	Solid	1-Methylnaphthalene	9.300	JD	2.7	17	ug/Kg
P2775-11DL	A4C90DL	Solid	2-Methylnaphthalene	11.000	JD	1	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Acenaphthene	16.000	JD	0.95	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Acenaphthylene	48.000	D	1.7	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Anthracene	73.000	D	0.89	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Benzo(a)anthracene	130.000	D	0.49	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Benzo(a)pyrene	130.000	D	1.7	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Benzo(b)fluoranthene	190.000	D	2.5	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Benzo(g,h,i)perylene	85.000	D	3.9	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Benzo(k)fluoranthene	61.000	D	1.7	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Chrysene	110.000	D	1.3	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Dibenzo(a,h)anthracene	22.000	D	2.5	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Fluoranthene	250.000	D	0.95	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Fluorene	22.000	D	1.2	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Indeno(1,2,3-cd)pyrene	71.000	D	2.7	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Naphthalene	16.000	JD	1.1	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Phenanthrene	220.000	D	0.95	17	ug/Kg
P2775-11DL	A4C90DL	Solid	Pyrene	230.000	D	1.3	17	ug/Kg
Total Svoc :				1,694.30				
Total Concentration:				1,694.30				
Client ID : A4C93								
P2775-12	A4C93	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P2775-12	A4C93	Solid	1-Methylnaphthalene	13.000		0.58	3.7	ug/Kg
P2775-12	A4C93	Solid	2-Methylnaphthalene	20.000		0.21	3.7	ug/Kg
P2775-12	A4C93	Solid	Acenaphthene	25.000		0.2	3.7	ug/Kg
P2775-12	A4C93	Solid	Acenaphthylene	68.000	E	0.37	3.7	ug/Kg
P2775-12	A4C93	Solid	Anthracene	110.000	E	0.19	3.7	ug/Kg
P2775-12	A4C93	Solid	Benzo(a)anthracene	370.000	E	0.1	3.7	ug/Kg
P2775-12	A4C93	Solid	Benzo(a)pyrene	180.000	E	0.36	3.7	ug/Kg

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SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-12	A4C93	Solid	Benzo(b)fluoranthene	450.000	E	0.53	3.7	ug/Kg
P2775-12	A4C93	Solid	Benzo(g,h,i)perylene	19.000		0.84	3.7	ug/Kg
P2775-12	A4C93	Solid	Benzo(k)fluoranthene	150.000	E	0.36	3.7	ug/Kg
P2775-12	A4C93	Solid	Chrysene	310.000	E	0.28	3.7	ug/Kg
P2775-12	A4C93	Solid	Dibenzo(a,h)anthracene	53.000		0.53	3.7	ug/Kg
P2775-12	A4C93	Solid	Fluoranthene	710.000	E	0.2	3.7	ug/Kg
P2775-12	A4C93	Solid	Fluorene	30.000		0.25	3.7	ug/Kg
P2775-12	A4C93	Solid	Indeno(1,2,3-cd)pyrene	110.000	E	0.58	3.7	ug/Kg
P2775-12	A4C93	Solid	Naphthalene	27.000		0.22	3.7	ug/Kg
P2775-12	A4C93	Solid	Pentachlorophenol	2.800	J	2.2	7.5	ug/Kg
P2775-12	A4C93	Solid	Phenanthrene	370.000	E	0.2	3.7	ug/Kg
P2775-12	A4C93	Solid	Pyrene	490.000	E	0.27	3.7	ug/Kg
Total Svoc :				3,507.80				
Total Concentration:				3,507.80				

Client ID : A4C93DL

P2775-12DL	A4C93DL	Solid	Total Alkanes	*	0.000	D 5	38	ug/Kg
Total Tics :				0.00				
P2775-12DL	A4C93DL	Solid	1-Methylnaphthalene		14.000	JD 2.9	19	ug/Kg
P2775-12DL	A4C93DL	Solid	2-Methylnaphthalene		19.000	D 1.1	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Acenaphthene		26.000	D 1	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Acenaphthylene		68.000	D 1.9	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Anthracene		130.000	D 0.96	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Benzo(a)anthracene		370.000	ED 0.52	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Benzo(a)pyrene		190.000	D 1.8	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Benzo(b)fluoranthene		490.000	ED 2.6	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Benzo(g,h,i)perylene		21.000	D 4.2	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Benzo(k)fluoranthene		160.000	D 1.8	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Chrysene		290.000	D 1.4	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Dibenzo(a,h)anthracene		55.000	D 2.6	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Fluoranthene		680.000	ED 1	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Fluorene		30.000	D 1.2	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Indeno(1,2,3-cd)pyrene		130.000	D 2.9	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Naphthalene		29.000	D 1.1	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Phenanthrene		440.000	ED 1	19	ug/Kg
P2775-12DL	A4C93DL	Solid	Pyrene		490.000	ED 1.3	19	ug/Kg
Total Svoc :				3,632.00				
Total Concentration:				3,632.00				

Client ID : A4C95

P2775-13	A4C95	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
Total Tics :				0.00				

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SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-13	A4C95	Solid	1-Methylnaphthalene	11.000		0.68	4.3	ug/Kg
P2775-13	A4C95	Solid	2-Methylnaphthalene	14.000		0.25	4.3	ug/Kg
P2775-13	A4C95	Solid	Acenaphthene	78.000	E	0.23	4.3	ug/Kg
P2775-13	A4C95	Solid	Acenaphthylene	53.000		0.43	4.3	ug/Kg
P2775-13	A4C95	Solid	Anthracene	210.000	E	0.22	4.3	ug/Kg
P2775-13	A4C95	Solid	Benzo(a)anthracene	730.000	E	0.12	4.3	ug/Kg
P2775-13	A4C95	Solid	Benzo(a)pyrene	350.000	E	0.42	4.3	ug/Kg
P2775-13	A4C95	Solid	Benzo(b)fluoranthene	900.000	E	0.61	4.3	ug/Kg
P2775-13	A4C95	Solid	Benzo(g,h,i)perylene	35.000		0.98	4.3	ug/Kg
P2775-13	A4C95	Solid	Benzo(k)fluoranthene	240.000	E	0.42	4.3	ug/Kg
P2775-13	A4C95	Solid	Chrysene	610.000	E	0.33	4.3	ug/Kg
P2775-13	A4C95	Solid	Dibenzo(a,h)anthracene	100.000	E	0.61	4.3	ug/Kg
P2775-13	A4C95	Solid	Fluoranthene	1,600.000	E	0.23	4.3	ug/Kg
P2775-13	A4C95	Solid	Fluorene	70.000	E	0.29	4.3	ug/Kg
P2775-13	A4C95	Solid	Indeno(1,2,3-cd)pyrene	210.000	E	0.68	4.3	ug/Kg
P2775-13	A4C95	Solid	Naphthalene	26.000		0.26	4.3	ug/Kg
P2775-13	A4C95	Solid	Phenanthrene	860.000	E	0.23	4.3	ug/Kg
P2775-13	A4C95	Solid	Pyrene	1,000.000	E	0.31	4.3	ug/Kg

Total Svoc : 7,097.00

Total Concentration: 7,097.00

Client ID : A4C95DL

P2775-13DL	A4C95DL	Solid	Total Alkanes	*	0.000	D 5.8	44	ug/Kg
Total Tics :					0.00			
P2775-13DL	A4C95DL	Solid	1-Methylnaphthalene		11.000	JD 3.4	21	ug/Kg
P2775-13DL	A4C95DL	Solid	2-Methylnaphthalene		13.000	JD 1.2	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Acenaphthene		77.000	D 1.2	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Acenaphthylene		51.000	D 2.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Anthracene		210.000	D 1.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Benzo(a)anthracene		700.000	ED 0.61	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Benzo(a)pyrene		360.000	ED 2.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Benzo(b)fluoranthene		930.000	ED 3.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Benzo(g,h,i)perylene		36.000	D 4.9	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Benzo(k)fluoranthene		300.000	D 2.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Chrysene		550.000	ED 1.6	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Dibenzo(a,h)anthracene		96.000	D 3.1	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Fluoranthene		1,500.000	ED 1.2	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Fluorene		65.000	D 1.4	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Indeno(1,2,3-cd)pyrene		230.000	D 3.4	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Naphthalene		26.000	D 1.3	21	ug/Kg
P2775-13DL	A4C95DL	Solid	Phenanthrene		930.000	ED 1.2	21	ug/Kg

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SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-13DL	A4C95DL	Solid	Pyrene	970.000	ED	1.6	21	ug/Kg
Total Svoc :				7,055.00				
Total Concentration:				7,055.00				
Client ID : A4C96								
P2775-14	A4C96	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P2775-14	A4C96	Solid	1-Methylnaphthalene	1.500	J	0.58	3.7	ug/Kg
P2775-14	A4C96	Solid	2-Methylnaphthalene	1.900	J	0.21	3.7	ug/Kg
P2775-14	A4C96	Solid	Acenaphthene	5.600		0.2	3.7	ug/Kg
P2775-14	A4C96	Solid	Acenaphthylene	15.000		0.37	3.7	ug/Kg
P2775-14	A4C96	Solid	Anthracene	25.000		0.19	3.7	ug/Kg
P2775-14	A4C96	Solid	Benzo(a)anthracene	79.000	E	0.1	3.7	ug/Kg
P2775-14	A4C96	Solid	Benzo(a)pyrene	86.000	E	0.36	3.7	ug/Kg
P2775-14	A4C96	Solid	Benzo(b)fluoranthene	130.000	E	0.53	3.7	ug/Kg
P2775-14	A4C96	Solid	Benzo(g,h,i)perylene	52.000		0.84	3.7	ug/Kg
P2775-14	A4C96	Solid	Benzo(k)fluoranthene	36.000		0.36	3.7	ug/Kg
P2775-14	A4C96	Solid	Chrysene	73.000	E	0.28	3.7	ug/Kg
P2775-14	A4C96	Solid	Dibenzo(a,h)anthracene	13.000		0.53	3.7	ug/Kg
P2775-14	A4C96	Solid	Fluoranthene	180.000	E	0.2	3.7	ug/Kg
P2775-14	A4C96	Solid	Fluorene	7.000		0.25	3.7	ug/Kg
P2775-14	A4C96	Solid	Indeno(1,2,3-cd)pyrene	44.000		0.58	3.7	ug/Kg
P2775-14	A4C96	Solid	Naphthalene	3.500	J	0.22	3.7	ug/Kg
P2775-14	A4C96	Solid	Phenanthrene	110.000	E	0.2	3.7	ug/Kg
P2775-14	A4C96	Solid	Pyrene	140.000	E	0.27	3.7	ug/Kg
Total Svoc :				1,002.50				
Total Concentration:				1,002.50				
Client ID : A4C96DL								
P2775-14DL	A4C96DL	Solid	Total Alkanes	*	0.000	D 5	38	ug/Kg
Total Tics :				0.00				
P2775-14DL	A4C96DL	Solid	Acenaphthene	4.700	JD	1	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Acenaphthylene	13.000	JD	1.9	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Anthracene	21.000	D	0.95	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Benzo(a)anthracene	70.000	D	0.52	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Benzo(a)pyrene	73.000	D	1.8	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Benzo(b)fluoranthene	110.000	D	2.6	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Benzo(g,h,i)perylene	45.000	D	4.2	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Benzo(k)fluoranthene	35.000	D	1.8	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Chrysene	58.000	D	1.4	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Dibenzo(a,h)anthracene	10.000	JD	2.6	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Fluoranthene	160.000	D	1	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-14DL	A4C96DL	Solid	Fluorene	6.000	JD	1.2	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Indeno(1,2,3-cd)pyrene	38.000	D	2.9	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Phenanthrene	95.000	D	1	19	ug/Kg
P2775-14DL	A4C96DL	Solid	Pyrene	130.000	D	1.3	19	ug/Kg
Total Svoc :				868.70				
Total Concentration:				868.70				
Client ID : A4C97								
P2775-15	A4C97	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P2775-15	A4C97	Solid	Acenaphthene	1.300	J	0.21	3.9	ug/Kg
P2775-15	A4C97	Solid	Acenaphthylene	4.600		0.39	3.9	ug/Kg
P2775-15	A4C97	Solid	Anthracene	7.400		0.2	3.9	ug/Kg
P2775-15	A4C97	Solid	Benzo(a)anthracene	21.000		0.11	3.9	ug/Kg
P2775-15	A4C97	Solid	Benzo(a)pyrene	21.000		0.37	3.9	ug/Kg
P2775-15	A4C97	Solid	Benzo(b)fluoranthene	31.000		0.55	3.9	ug/Kg
P2775-15	A4C97	Solid	Benzo(g,h,i)perylene	13.000		0.88	3.9	ug/Kg
P2775-15	A4C97	Solid	Benzo(k)fluoranthene	10.000		0.37	3.9	ug/Kg
P2775-15	A4C97	Solid	Chrysene	16.000		0.29	3.9	ug/Kg
P2775-15	A4C97	Solid	Dibenzo(a,h)anthracene	3.300	J	0.55	3.9	ug/Kg
P2775-15	A4C97	Solid	Fluoranthene	40.000		0.21	3.9	ug/Kg
P2775-15	A4C97	Solid	Fluorene	1.800	J	0.26	3.9	ug/Kg
P2775-15	A4C97	Solid	Indeno(1,2,3-cd)pyrene	11.000		0.61	3.9	ug/Kg
P2775-15	A4C97	Solid	Naphthalene	0.930	J	0.23	3.9	ug/Kg
P2775-15	A4C97	Solid	Phenanthrene	22.000		0.21	3.9	ug/Kg
P2775-15	A4C97	Solid	Pyrene	33.000		0.28	3.9	ug/Kg
Total Svoc :				237.33				
Total Concentration:				237.33				
Client ID : A4CA1								
P2775-16	A4CA1	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P2775-16	A4CA1	Solid	1-Methylnaphthalene	1.200	J	0.58	3.7	ug/Kg
P2775-16	A4CA1	Solid	2-Methylnaphthalene	1.600	J	0.21	3.7	ug/Kg
P2775-16	A4CA1	Solid	Acenaphthene	1.100	J	0.2	3.7	ug/Kg
P2775-16	A4CA1	Solid	Acenaphthylene	6.800		0.37	3.7	ug/Kg
P2775-16	A4CA1	Solid	Anthracene	7.100		0.19	3.7	ug/Kg
P2775-16	A4CA1	Solid	Benzo(a)anthracene	26.000		0.1	3.7	ug/Kg
P2775-16	A4CA1	Solid	Benzo(a)pyrene	27.000		0.36	3.7	ug/Kg
P2775-16	A4CA1	Solid	Benzo(b)fluoranthene	38.000		0.53	3.7	ug/Kg
P2775-16	A4CA1	Solid	Benzo(g,h,i)perylene	17.000		0.84	3.7	ug/Kg
P2775-16	A4CA1	Solid	Benzo(k)fluoranthene	13.000		0.36	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-16	A4CA1	Solid	Chrysene	19.000		0.28	3.7	ug/Kg
P2775-16	A4CA1	Solid	Dibenzo(a,h)anthracene	4.200		0.53	3.7	ug/Kg
P2775-16	A4CA1	Solid	Fluoranthene	44.000		0.2	3.7	ug/Kg
P2775-16	A4CA1	Solid	Fluorene	1.800	J	0.25	3.7	ug/Kg
P2775-16	A4CA1	Solid	Indeno(1,2,3-cd)pyrene	14.000		0.58	3.7	ug/Kg
P2775-16	A4CA1	Solid	Naphthalene	2.000	J	0.22	3.7	ug/Kg
P2775-16	A4CA1	Solid	Phenanthrene	20.000		0.2	3.7	ug/Kg
P2775-16	A4CA1	Solid	Pyrene	38.000		0.27	3.7	ug/Kg

Total Svoc : 281.80

Total Concentration: 281.80

Client ID : A4D46

P2775-17	A4D46	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
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Total Tics : 0.00

P2775-17	A4D46	Solid	1-Methylnaphthalene		14.000	0.6	3.8	ug/Kg
P2775-17	A4D46	Solid	2-Methylnaphthalene		15.000	0.22	3.8	ug/Kg
P2775-17	A4D46	Solid	Acenaphthene	E	98.000	0.21	3.8	ug/Kg
P2775-17	A4D46	Solid	Acenaphthylene		12.000	0.38	3.8	ug/Kg
P2775-17	A4D46	Solid	Anthracene	E	240.000	0.2	3.8	ug/Kg
P2775-17	A4D46	Solid	Benzo(a)anthracene	E	580.000	0.11	3.8	ug/Kg
P2775-17	A4D46	Solid	Benzo(a)pyrene	E	270.000	0.37	3.8	ug/Kg
P2775-17	A4D46	Solid	Benzo(b)fluoranthene	E	590.000	0.54	3.8	ug/Kg
P2775-17	A4D46	Solid	Benzo(g,h,i)perylene		22.000	0.86	3.8	ug/Kg
P2775-17	A4D46	Solid	Benzo(k)fluoranthene	E	190.000	0.37	3.8	ug/Kg
P2775-17	A4D46	Solid	Chrysene	E	430.000	0.29	3.8	ug/Kg
P2775-17	A4D46	Solid	Dibenzo(a,h)anthracene	E	64.000	0.54	3.8	ug/Kg
P2775-17	A4D46	Solid	Fluoranthene	E	1,200.000	0.21	3.8	ug/Kg
P2775-17	A4D46	Solid	Fluorene	E	89.000	0.25	3.8	ug/Kg
P2775-17	A4D46	Solid	Indeno(1,2,3-cd)pyrene	E	140.000	0.6	3.8	ug/Kg
P2775-17	A4D46	Solid	Naphthalene		18.000	0.23	3.8	ug/Kg
P2775-17	A4D46	Solid	Phenanthrene	E	880.000	0.21	3.8	ug/Kg
P2775-17	A4D46	Solid	Pyrene	E	810.000	0.28	3.8	ug/Kg

Total Svoc : 5,662.00

Total Concentration: 5,662.00

Client ID : A4D46DL

P2775-17DL	A4D46DL	Solid	Total Alkanes	*	0.000	D 5.1	39	ug/Kg
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Total Tics : 0.00

P2775-17DL	A4D46DL	Solid	1-Methylnaphthalene	JD	13.000	3	19	ug/Kg
P2775-17DL	A4D46DL	Solid	2-Methylnaphthalene	JD	13.000	1.1	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Acenaphthene	D	96.000	1	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Acenaphthylene	JD	13.000	1.9	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-17DL	A4D46DL	Solid	Anthracene	250.000	D	0.98	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Benzo(a)anthracene	560.000	ED	0.54	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Benzo(a)pyrene	260.000	D	1.8	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Benzo(b)fluoranthene	610.000	ED	2.7	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Benzo(g,h,i)perylene	22.000	D	4.3	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Benzo(k)fluoranthene	190.000	D	1.8	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Chrysene	380.000	ED	1.4	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Dibenzo(a,h)anthracene	57.000	D	2.7	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Fluoranthene	1,200.000	ED	1	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Fluorene	84.000	D	1.3	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Indeno(1,2,3-cd)pyrene	140.000	D	3	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Naphthalene	19.000	D	1.2	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Phenanthrene	980.000	ED	1	19	ug/Kg
P2775-17DL	A4D46DL	Solid	Pyrene	810.000	ED	1.4	19	ug/Kg

Total Svoc : 5,697.00

Total Concentration: 5,697.00

Client ID : A4D54

P2775-20	A4D54	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
Total Tics :					0.00			
P2775-20	A4D54	Solid	1-Methylnaphthalene		2.900	J	0.62	ug/Kg
P2775-20	A4D54	Solid	2-Methylnaphthalene		3.500	J	0.22	ug/Kg
P2775-20	A4D54	Solid	Acenaphthene		13.000		0.21	ug/Kg
P2775-20	A4D54	Solid	Acenaphthylene		17.000		0.39	ug/Kg
P2775-20	A4D54	Solid	Anthracene		53.000		0.2	ug/Kg
P2775-20	A4D54	Solid	Benzo(a)anthracene		150.000	E	0.11	ug/Kg
P2775-20	A4D54	Solid	Benzo(a)pyrene		92.000	E	0.38	ug/Kg
P2775-20	A4D54	Solid	Benzo(b)fluoranthene		190.000	E	0.56	ug/Kg
P2775-20	A4D54	Solid	Benzo(g,h,i)perylene		9.500		0.89	ug/Kg
P2775-20	A4D54	Solid	Benzo(k)fluoranthene		63.000	E	0.38	ug/Kg
P2775-20	A4D54	Solid	Chrysene		110.000	E	0.3	ug/Kg
P2775-20	A4D54	Solid	Dibenzo(a,h)anthracene		20.000		0.56	ug/Kg
P2775-20	A4D54	Solid	Fluoranthene		310.000	E	0.21	ug/Kg
P2775-20	A4D54	Solid	Fluorene		16.000		0.26	ug/Kg
P2775-20	A4D54	Solid	Indeno(1,2,3-cd)pyrene		53.000		0.62	ug/Kg
P2775-20	A4D54	Solid	Naphthalene		6.700		0.24	ug/Kg
P2775-20	A4D54	Solid	Phenanthrene		180.000	E	0.21	ug/Kg
P2775-20	A4D54	Solid	Pyrene		210.000	E	0.28	ug/Kg

Total Svoc : 1,499.60

Total Concentration: 1,499.60

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D59								
P2775-22	A4D59	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
			Total Tics :			0.00		
P2775-22	A4D59	Solid	1-Methylnaphthalene		12.000	0.61	3.9	ug/Kg
P2775-22	A4D59	Solid	2-Methylnaphthalene		17.000	0.22	3.9	ug/Kg
P2775-22	A4D59	Solid	Acenaphthene		40.000	0.21	3.9	ug/Kg
P2775-22	A4D59	Solid	Acenaphthylene		130.000	E 0.39	3.9	ug/Kg
P2775-22	A4D59	Solid	Anthracene		180.000	E 0.2	3.9	ug/Kg
P2775-22	A4D59	Solid	Benzo(a)anthracene		550.000	E 0.11	3.9	ug/Kg
P2775-22	A4D59	Solid	Benzo(a)pyrene		310.000	E 0.38	3.9	ug/Kg
P2775-22	A4D59	Solid	Benzo(b)fluoranthene		620.000	E 0.55	3.9	ug/Kg
P2775-22	A4D59	Solid	Benzo(g,h,i)perylene		28.000	0.88	3.9	ug/Kg
P2775-22	A4D59	Solid	Benzo(k)fluoranthene		200.000	E 0.38	3.9	ug/Kg
P2775-22	A4D59	Solid	Chrysene		380.000	E 0.29	3.9	ug/Kg
P2775-22	A4D59	Solid	Dibenzo(a,h)anthracene		64.000	E 0.55	3.9	ug/Kg
P2775-22	A4D59	Solid	Fluoranthene		940.000	E 0.21	3.9	ug/Kg
P2775-22	A4D59	Solid	Fluorene		53.000	0.26	3.9	ug/Kg
P2775-22	A4D59	Solid	Indeno(1,2,3-cd)pyrene		160.000	E 0.61	3.9	ug/Kg
P2775-22	A4D59	Solid	Naphthalene		27.000	0.24	3.9	ug/Kg
P2775-22	A4D59	Solid	Phenanthrene		490.000	E 0.21	3.9	ug/Kg
P2775-22	A4D59	Solid	Pyrene		650.000	E 0.28	3.9	ug/Kg
			Total Svoc :			4,851.00		
			Total Concentration:			4,851.00		
Client ID : A4D59DL								
P2775-22DL	A4D59DL	Solid	Total Alkanes	*	0.000	D 5.2	40	ug/Kg
			Total Tics :			0.00		
P2775-22DL	A4D59DL	Solid	1-Methylnaphthalene		9.800	JD 3.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	2-Methylnaphthalene		13.000	JD 1.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Acenaphthene		33.000	D 1.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Acenaphthylene		100.000	D 1.9	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Anthracene		160.000	D 1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Benzo(a)anthracene		470.000	ED 0.55	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Benzo(a)pyrene		220.000	D 1.9	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Benzo(b)fluoranthene		450.000	ED 2.8	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Benzo(g,h,i)perylene		20.000	D 4.4	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Benzo(k)fluoranthene		160.000	D 1.9	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Chrysene		320.000	ED 1.5	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Dibenzo(a,h)anthracene		44.000	D 2.8	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Fluoranthene		800.000	ED 1.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Fluorene		42.000	D 1.3	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-22DL	A4D59DL	Solid	Indeno(1,2,3-cd)pyrene	120.000	D	3.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Naphthalene	21.000	D	1.2	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Phenanthrene	430.000	ED	1.1	19	ug/Kg
P2775-22DL	A4D59DL	Solid	Pyrene	580.000	ED	1.4	19	ug/Kg
Total Svoc :				3,992.80				
Total Concentration:				3,992.80				
Client ID : A4B95								
P2776-07	A4B95	Solid	Total Alkanes	*	0.000	1.2	9.2	ug/Kg
Total Tics :				0.00				
P2776-07	A4B95	Solid	2-Methylnaphthalene	1.100	J	0.26	4.5	ug/Kg
P2776-07	A4B95	Solid	Acenaphthene	2.700	J	0.25	4.5	ug/Kg
P2776-07	A4B95	Solid	Acenaphthylene	6.000		0.45	4.5	ug/Kg
P2776-07	A4B95	Solid	Anthracene	13.000		0.23	4.5	ug/Kg
P2776-07	A4B95	Solid	Benzo(a)anthracene	51.000		0.13	4.5	ug/Kg
P2776-07	A4B95	Solid	Benzo(a)pyrene	25.000		0.44	4.5	ug/Kg
P2776-07	A4B95	Solid	Benzo(b)fluoranthene	89.000	E	0.65	4.5	ug/Kg
P2776-07	A4B95	Solid	Benzo(g,h,i)perylene	3.800	J	1	4.5	ug/Kg
P2776-07	A4B95	Solid	Benzo(k)fluoranthene	29.000		0.44	4.5	ug/Kg
P2776-07	A4B95	Solid	Chrysene	43.000		0.34	4.5	ug/Kg
P2776-07	A4B95	Solid	Dibenzo(a,h)anthracene	9.000		0.65	4.5	ug/Kg
P2776-07	A4B95	Solid	Fluoranthene	100.000	E	0.25	4.5	ug/Kg
P2776-07	A4B95	Solid	Fluorene	3.100	J	0.3	4.5	ug/Kg
P2776-07	A4B95	Solid	Indeno(1,2,3-cd)pyrene	17.000		0.71	4.5	ug/Kg
P2776-07	A4B95	Solid	Naphthalene	2.300	J	0.27	4.5	ug/Kg
P2776-07	A4B95	Solid	Phenanthrene	45.000		0.25	4.5	ug/Kg
P2776-07	A4B95	Solid	Pyrene	57.000		0.33	4.5	ug/Kg
Total Svoc :				497.00				
Total Concentration:				497.00				
Client ID : E1G64								
P2961-01	E1G64	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1G86								
P2961-02	E1G86	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P2961-02	E1G86	Water	Benzo(a)anthracene	0.030	J	0.0036	0.1	ug/L
P2961-02	E1G86	Water	Benzo(b)fluoranthene	0.050	J	0.013	0.1	ug/L
P2961-02	E1G86	Water	Benzo(g,h,i)perylene	0.030	J	0.022	0.1	ug/L
P2961-02	E1G86	Water	Benzo(k)fluoranthene	0.040	J	0.0098	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM062224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2961-02	E1G86	Water	Chrysene	0.030	J	0.0077	0.1	ug/L
P2961-02	E1G86	Water	Dibenzo(a,h)anthracene	0.040	J	0.014	0.1	ug/L
P2961-02	E1G86	Water	Fluoranthene	0.030	J	0.0079	0.1	ug/L
P2961-02	E1G86	Water	Indeno(1,2,3-cd)pyrene	0.040	J	0.017	0.1	ug/L
Total Svoc :						0.29		
Total Concentration:						0.29		
Client ID : E1G87								
P2961-03	E1G87	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1G88								
P2961-04	E1G88	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG No.: BM061824
Instrument ID: _____ Calibration Date(s): 6/18/2024 : _____
Calibration Time(s): 10:17 _____

LAB FILE ID:		RRFAL1 = BM046043.D			RRFAL2 = BM046044.D		RRFAL3 = BM046045.D	
		RRFAL4 = BM046046.D			RRFAL5 = BM046047.D		RRFAL6 = BM046048.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.703	0.677	0.583	0.563	0.552	0.616	11.3
1,4-Dioxane-d8		0.664	0.554	0.538	0.491	0.497	0.549	12.7
Naphthalene	1.162	1.126	1.122	1.102	1.064		1.115	3.2
1-Methylnaphthalene	0.687	0.691	0.706	0.691	0.670		0.689	1.8
2-Methylnaphthalene	0.624	0.605	0.639	0.642	0.630		0.628	2.4
Acenaphthylene	1.860	1.840	1.949	1.938	1.899		1.897	2.5
Acenaphthene	1.336	1.359	1.410	1.392	1.352		1.370	2.2
Fluorene	1.370	1.395	1.534	1.532	1.517		1.470	5.5
Pentachlorophenol		0.146	0.117	0.113	0.107	0.117	0.120	12.5
Phenanthrene	1.114	1.089	1.139	1.150	1.128		1.124	2.1
Anthracene	0.706	0.739	0.845	0.933	0.962		0.837	13.6
Fluoranthene	1.693	1.651	1.820	1.769	1.726		1.732	3.8
Pyrene	1.853	1.809	1.975	1.898	1.829		1.873	3.5
Benzo(a)anthracene	1.587	1.422	1.577	1.595	1.544		1.545	4.6
Chrysene	2.144	2.023	2.012	1.891	1.788		1.972	6.9
Benzo(b)fluoranthene	1.517	1.356	1.454	1.440	1.439		1.441	4.0
Benzo(k)fluoranthene	1.893	1.730	1.700	1.704	1.539		1.713	7.3
Benzo(a)pyrene	1.411	1.326	1.364	1.317	1.259		1.335	4.2
Indeno(1,2,3-cd)pyrene	2.520	2.247	2.131	2.042	1.988		2.186	9.7
Dibenzo(a,h)anthracene	1.885	1.662	1.582	1.523	1.485		1.627	9.8
Benzo(g,h,i)perylene	2.207	1.950	1.813	1.737	1.664		1.874	11.4
Fluoranthene-d10	1.148	1.134	1.274	1.230	1.204		1.198	4.8
2-Methylnaphthalene-d10	0.526	0.530	0.546	0.550	0.533		0.537	1.9

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.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 10:22

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	2197	7.464	6336	10.25	3389	14.11
	UPPER LIMIT	4394	7.964	12672	10.753	6778	14.612
	LOWER LIMIT	1098.5	6.964	3168	9.753	1694.5	13.612
	EPA SAMPLE NO.						
01	SBLK447	2268	7.41	6640	10.19	3691	14.07
02	A4C90	1933	7.42	5613	10.20	3270	14.07
03	A4C93	2376	7.41	7189	10.18	4044	14.06
04	A4C95	2387	7.41	7163	10.18	4081	14.06
05	A4C96	2168	7.41	6412	10.18	3573	14.06
06	A4CA1	2199	7.41	6702	10.19	3805	14.06
07	A4D46	2174	7.41	6581	10.18	3822	14.06
08	A4D59	2198	7.41	6686	10.18	3816	14.06
09	A4C97	2232	7.41	6912	10.19	3868	14.06
10	A4D54	2169	7.41	6428	10.19	3635	14.06
11	A4C86	2357	7.41	7225	10.18	3960	14.06
12	A4C87	1998	7.41	6257	10.19	3507	14.06
13	A4C88	1915	7.41	6034	10.18	3329	14.06
14	E1G64	2242	7.41	6927	10.18	3843	14.06
15	E1G86	2198	7.41	6766	10.18	3757	14.06
16	E1G87	2050	7.41	6321	10.18	3537	14.06
17	SBLK447	2670	7.41	8149	10.18	4505	14.06
18	SBLK649	2447	7.41	7240	10.18	3946	14.06
19	E1G88	2172	7.41	6663	10.18	3686	14.06
20	A4BP9DL	2274	7.42	6559	10.22	3886	14.07
21	A4BQ0DL	2571	7.42	7416	10.21	4313	14.07
22	A4BQ1DL	2478	7.42	7288	10.21	4279	14.07
23	A4BQ4DL	2609	7.42	7903	10.21	4570	14.07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 01:39

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	2197	7.464	6336	10.25	3389	14.11
UPPER LIMIT	4394	7.964	12672	10.753	6778	14.612
LOWER LIMIT	1098.5	6.964	3168	9.753	1694.5	13.612
EPA SAMPLE NO.						
24 A4C90DL	2391	7.43	6680	10.23	4055	14.08
25 A4C93DL	2555	7.42	7387	10.22	4336	14.07
26 A4C95DL	2674	7.42	7686	10.22	4473	14.07
27 A4C96DL	3092	7.41	9599	10.20	5553	14.07
28 A4D46DL	2439	7.42	6990	10.22	4111	14.07
29 A4D59DL	2670	7.42	9135	10.22	5312	14.07
30 A4B95	2281	7.41	6918	10.19	3881	14.06
31 SLCS649	1650	7.48	5728	10.27	3484	14.10
32 SLCS447	1420	7.50	5263	10.28	3114	14.10

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.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4141 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046189.D Time Analyzed: 10:22

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	1348	7.485	4805	10.27	2940	14.10
	UPPER LIMIT	2696	7.985	9610	10.77	5880	14.599
	LOWER LIMIT	674	6.985	2402.5	9.77	1470	13.599
	EPA SAMPLE NO.						
01	SBLK447	2268	7.41	6640	10.19	3691	14.07
02	A4C90	1933	7.42	5613	10.20	3270	14.07
03	A4C93	2376	7.41	7189	10.18	4044	14.06
04	A4C95	2387	7.41	7163	10.18	4081	14.06
05	A4C96	2168	7.41	6412	10.18	3573	14.06
06	A4CA1	2199	7.41	6702	10.19	3805	14.06
07	A4D46	2174	7.41	6581	10.18	3822	14.06
08	A4D59	2198	7.41	6686	10.18	3816	14.06
09	A4C97	2232	7.41	6912	10.19	3868	14.06
10	A4D54	2169	7.41	6428	10.19	3635	14.06
11	A4C86	2357	7.41	7225	10.18	3960	14.06
12	A4C87	1998	7.41	6257	10.19	3507	14.06
13	A4C88	1915	7.41	6034	10.18	3329	14.06
14	E1G64	2242	7.41	6927	10.18	3843	14.06
15	E1G86	2198	7.41	6766	10.18	3757	14.06
16	E1G87	2050	7.41	6321	10.18	3537	14.06



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4141 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046189.D Time Analyzed: 19:32

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	1348	7.485	4805	10.27	2940	14.10
UPPER LIMIT	2696	7.985	9610	10.77	5880	14.599
LOWER LIMIT	674	6.985	2402.5	9.77	1470	13.599
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4142 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046206.D Time Analyzed: 21:21

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	1574	7.48	5501	10.27	3300	14.10
	UPPER LIMIT	3148	7.98	11002	10.77	6600	14.598
	LOWER LIMIT	787	6.98	2750.5	9.77	1650	13.598
	EPA SAMPLE NO.						
01	SBLK447	2670	7.41	8149	10.18	4505	14.06
02	SBLK649	2447	7.41	7240	10.18	3946	14.06
03	E1G88	2172	7.41	6663	10.18	3686	14.06
04	A4BP9DL	2274	7.42	6559	10.22	3886	14.07
05	A4BQ0DL	2571	7.42	7416	10.21	4313	14.07
06	A4BQ1DL	2478	7.42	7288	10.21	4279	14.07
07	A4BQ4DL	2609	7.42	7903	10.21	4570	14.07
08	A4C90DL	2391	7.43	6680	10.23	4055	14.08
09	A4C93DL	2555	7.42	7387	10.22	4336	14.07
10	A4C95DL	2674	7.42	7686	10.22	4473	14.07
11	A4C96DL	3092	7.41	9599	10.20	5553	14.07
12	A4D46DL	2439	7.42	6990	10.22	4111	14.07
13	A4D59DL	2670	7.42	9135	10.22	5312	14.07
14	A4B95	2281	7.41	6918	10.19	3881	14.06
15	SLCS649	1650	7.48	5728	10.27	3484	14.10
16	SLCS447	1420	7.50	5263	10.28	3114	14.10



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4142 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BM046206.D Time Analyzed: 06:33

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	1574	7.48	5501	10.27	3300	14.10
UPPER LIMIT	3148	7.98	11002	10.77	6600	14.598
LOWER LIMIT	787	6.98	2750.5	9.77	1650	13.598
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.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 10:22

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	6704	16.861	5433	21.044	7725	23.142
	UPPER LIMIT	13408	17.361	10866	21.544	15450	23.642
	LOWER LIMIT	3352	16.361	2716.5	20.544	3862.5	22.642
	EPA SAMPLE NO.						
01	SBLK447	7617	16.81	5480	21.04	4540	23.11
02	A4C90	7200	16.81	5927	21.01	7307	23.10
03	A4C93	10069	16.80	6612	21.01	8541	23.10
04	A4C95	9189	16.80	6452	21.00	8530	23.10
05	A4C96	7688	16.80	6190	21.01	6682	23.10
06	A4CA1	8220	16.81	6588	21.01	7504	23.10
07	A4D46	8962	16.80	6178	21.00	7712	23.10
08	A4D59	8641	16.80	6231	21.00	7675	23.10
09	A4C97	8154	16.81	6348	21.02	6831	23.10
10	A4D54	8095	16.81	6295	21.01	7108	23.10
11	A4C86	8312	16.81	6423	21.02	6867	23.10
12	A4C87	7186	16.81	5758	21.02	5769	23.10
13	A4C88	6709	16.81	5103	21.02	4946	23.10
14	E1G64	7999	16.80	6019	21.03	5722	23.10
15	E1G86	7758	16.80	5942	21.03	5098	23.10
16	E1G87	7289	16.80	5426	21.03	4464	23.10
17	SBLK447	9184	16.81	6507	21.03	6026	23.10
18	SBLK649	7998	16.81	5626	21.03	4710	23.10
19	E1G88	7624	16.81	5852	21.02	5196	23.10
20	A4BP9DL	7580	16.82	6391	21.01	7219	23.10
21	A4BQ0DL	8681	16.81	7302	21.01	7918	23.10

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 00:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6704	16.861	5433	21.044	7725	23.142
	UPPER LIMIT	13408	17.361	10866	21.544	15450	23.642
	LOWER LIMIT	3352	16.361	2716.5	20.544	3862.5	22.642
	EPA SAMPLE NO.						
22	A4BQ1DL	8367	16.82	6964	21.01	8166	23.10
23	A4BQ4DL	9231	16.81	7721	21.01	8515	23.10
24	A4C90DL	7881	16.82	6851	21.01	7969	23.10
25	A4C93DL	8967	16.81	7763	21.01	9236	23.10
26	A4C95DL	8904	16.81	7612	21.00	8921	23.10
27	A4C96DL	10869	16.82	8856	21.02	9989	23.10
28	A4D46DL	8199	16.81	6847	21.01	8032	23.10
29	A4D59DL	10461	16.81	8284	21.01	11701	23.10
30	A4B95	8200	16.80	6466	21.01	6957	23.10
31	SLCS649	6473	16.85	5241	21.03	6972	23.12
32	SLCS447	5796	16.86	4615	21.04	6380	23.12

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.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4141 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046189.D Time Analyzed: 10:22

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	5150	16.862	4030	21.038	5708	23.131
	UPPER LIMIT	10300	17.362	8060	21.538	11416	23.631
	LOWER LIMIT	2575	16.362	2015	20.538	2854	22.631
	EPA SAMPLE NO.						
01	SBLK447	7617	16.81	5480	21.04	4540	23.11
02	A4C90	7200	16.81	5927	21.01	7307	23.10
03	A4C93	10069	16.80	6612	21.01	8541	23.10
04	A4C95	9189	16.80	6452	21.00	8530	23.10
05	A4C96	7688	16.80	6190	21.01	6682	23.10
06	A4CA1	8220	16.81	6588	21.01	7504	23.10
07	A4D46	8962	16.80	6178	21.00	7712	23.10
08	A4D59	8641	16.80	6231	21.00	7675	23.10
09	A4C97	8154	16.81	6348	21.02	6831	23.10
10	A4D54	8095	16.81	6295	21.01	7108	23.10
11	A4C86	8312	16.81	6423	21.02	6867	23.10
12	A4C87	7186	16.81	5758	21.02	5769	23.10
13	A4C88	6709	16.81	5103	21.02	4946	23.10
14	E1G64	7999	16.80	6019	21.03	5722	23.10
15	E1G86	7758	16.80	5942	21.03	5098	23.10
16	E1G87	7289	16.80	5426	21.03	4464	23.10

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4141 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046189.D Time Analyzed: 19:32

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	5150	16.862	4030	21.038	5708	23.131
UPPER LIMIT	10300	17.362	8060	21.538	11416	23.631
LOWER LIMIT	2575	16.362	2015	20.538	2854	22.631
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.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4142 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BM046206.D Time Analyzed: 21:21

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	6005	16.861	4780	21.032	6531	23.124
	UPPER LIMIT	12010	17.361	9560	21.532	13062	23.624
	LOWER LIMIT	3002.5	16.361	2390	20.532	3265.5	22.624
	EPA SAMPLE NO.						
01	SBLK447	9184	16.81	6507	21.03	6026	23.10
02	SBLK649	7998	16.81	5626	21.03	4710	23.10
03	E1G88	7624	16.81	5852	21.02	5196	23.10
04	A4BP9DL	7580	16.82	6391	21.01	7219	23.10
05	A4BQ0DL	8681	16.81	7302	21.01	7918	23.10
06	A4BQ1DL	8367	16.82	6964	21.01	8166	23.10
07	A4BQ4DL	9231	16.81	7721	21.01	8515	23.10
08	A4C90DL	7881	16.82	6851	21.01	7969	23.10
09	A4C93DL	8967	16.81	7763	21.01	9236	23.10
10	A4C95DL	8904	16.81	7612	21.00	8921	23.10
11	A4C96DL	10869	16.82	8856	21.02	9989	23.10
12	A4D46DL	8199	16.81	6847	21.01	8032	23.10
13	A4D59DL	10461	16.81	8284	21.01	11701	23.10
14	A4B95	8200	16.80	6466	21.01	6957	23.10
15	SLCS649	6473	16.85	5241	21.03	6972	23.12
16	SLCS447	5796	16.86	4615	21.04	6380	23.12

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062224 SAS No.: BM062224 SDG NO.: BM062224

EPA Sample No.: SSTD0.4142 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BM046206.D Time Analyzed: 06:33

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	6005	16.861	4780	21.032	6531	23.124
UPPER LIMIT	12010	17.361	9560	21.532	13062	23.624
LOWER LIMIT	3002.5	16.361	2390	20.532	3265.5	22.624
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.: BM062224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161447BS	1,4-Dioxane	66.7	53	ug/Kg	79				0	0		
	Naphthalene	13.3	10	ug/Kg	75				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	9.8	ug/Kg	74				0	0		
	Acenaphthylene	13.3	10	ug/Kg	75				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	10	ug/Kg	75				0	0		
	Pentachlorophenol	26.7	17	ug/Kg	64				0	0		
	Phenanthrene	13.3	10	ug/Kg	75				0	0		
	Anthracene	13.3	8	ug/Kg	60				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	9.5	ug/Kg	71				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	9.8	ug/Kg	74				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	9.7	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	13.3	9.9	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM062224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161649BS	1,4-Dioxane	2	1.7	ug/L	85				0	0	
	Naphthalene	0.4	0.35	ug/L	88				0	0	
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.37	ug/L	93				0	0	
	Fluorene	0.4	0.35	ug/L	88				0	0	
	Pentachlorophenol	0.8	0.67	ug/L	84				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	0.4	ug/L	100				0	0	
	Pyrene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0	
	Chrysene	0.4	0.38	ug/L	95				0	0	
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK447

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062224

SAS No.: BM062224 SDG NO.: BM062224

Lab File ID: BM046190.D

Lab Sample ID: PB161447BL

Instrument ID: BNA_M

Date Extracted: 06/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 10:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161447BS	PB161447BS	BM046222.D	06/23/2024
A4C90	P2775-11	BM046191.D	06/22/2024
A4C93	P2775-12	BM046192.D	06/22/2024
A4C95	P2775-13	BM046193.D	06/22/2024
A4C96	P2775-14	BM046194.D	06/22/2024
A4CA1	P2775-16	BM046195.D	06/22/2024
A4D46	P2775-17	BM046196.D	06/22/2024
A4D59	P2775-22	BM046197.D	06/22/2024
A4C97	P2775-15	BM046198.D	06/22/2024
A4D54	P2775-20	BM046199.D	06/22/2024
A4C86	P2775-08	BM046200.D	06/22/2024
A4C87	P2775-09	BM046201.D	06/22/2024
A4C88	P2775-10	BM046202.D	06/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4B95

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062224

SAS No.: BM062224 SDG NO.: BM062224

Lab File ID: BM046220.D

Lab Sample ID: P2776-07

Instrument ID: BNA_M

Date Extracted: 06/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/23/2024

Level: (low/med) LOW

Time Analyzed: 05:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4B95	P2776-07	BM046220.D	06/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK649

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062224

SAS No.: BM062224 SDG NO.: BM062224

Lab File ID: BM046208.D

Lab Sample ID: PB161649BL

Instrument ID: BNA_M

Date Extracted: 06/21/2024

Matrix: (soil/water) Water

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 21:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G88	P2961-04	BM046209.D	06/22/2024
PB161649BS	PB161649BS	BM046221.D	06/23/2024
E1G64	P2961-01	BM046203.D	06/22/2024
E1G86	P2961-02	BM046204.D	06/22/2024
E1G87	P2961-03	BM046205.D	06/22/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM062224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2754-10DL	A4BP9DL	BM046210.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P2754-11DL	A4BQ0DL	BM046211.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P2754-17DL	A4BQ1DL	BM046212.D	1,4-Dioxane-d8	8	5.87	73		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.45	113		20	140
P2754-18DL	A4BQ4DL	BM046213.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.43	106		20	140

Surrogate Summary

SW-846

SDG No.: **BM062224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-08	A4C86	BM046200.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P2775-09	A4C87	BM046201.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P2775-10	A4C88	BM046202.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Fluoranthene-d10	0.4	0.29	74		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2775-11	A4C90	BM046191.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2775-11DL	A4C90DL	BM046214.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P2775-12	A4C93	BM046192.D	1,4-Dioxane-d8	8	3.86	48		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2775-12DL	A4C93DL	BM046215.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P2775-13	A4C95	BM046193.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2775-13DL	A4C95DL	BM046216.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P2775-14	A4C96	BM046194.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		20	140
P2775-14DL	A4C96DL	BM046217.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P2775-15	A4C97	BM046198.D	1,4-Dioxane-d8	8	3.00	38		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P2775-16	A4CA1	BM046195.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2775-17	A4D46	BM046196.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2775-17DL	A4D46DL	BM046218.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2775-20	A4D54	BM046199.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P2775-22	A4D59	BM046197.D	1,4-Dioxane-d8	8	4.13	52		15	120



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

Surrogate Summary

SW-846

SDG No.: BM062224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2775-22	A4D59	BM046197.D	Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
P2775-22DL	A4D59DL	BM046219.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
			1,4-Dioxane-d8	8	4.03	50		15	120
PB161447BL	PB161447BL	BM046207.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
		BM046207.D	Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
		BM046190.D	2-Methylnaphthalene-d10	0.4	0.24	61		20	140
			1,4-Dioxane-d8	0.8	0.63	78		15	120
PB161447BS	PB161447BS	BM046222.D	Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140



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

Surrogate Summary

SW-846

SDG No.: BM062224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2776-07	A4B95	BM046220.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140

Surrogate Summary

SW-846

SDG No.: **BM062224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2961-01	E1G64	BM046203.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P2961-02	E1G86	BM046204.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P2961-03	E1G87	BM046205.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
P2961-04	E1G88	BM046209.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB161649BL	PB161649BL	BM046208.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
PB161649BS	PB161649BS	BM046221.D	1,4-Dioxane-d8	0.8	0.72	90		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062224

Lab Code: CHEM

SAS No.: BM062224

SDG NO.: BM062224

Lab File ID: BM046188.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.8
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	56.2
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	55.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	63.2
443	15.0 - 24.0% of mass 442	12.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4141	SSTDCCC0.4	BM046189.D	06/22/2024	09:46
SBLK447	PB161447BL	BM046190.D	06/22/2024	10:22
A4C90	P2775-11	BM046191.D	06/22/2024	10:59
A4C93	P2775-12	BM046192.D	06/22/2024	11:35
A4C95	P2775-13	BM046193.D	06/22/2024	12:12
A4C96	P2775-14	BM046194.D	06/22/2024	12:48
A4CA1	P2775-16	BM046195.D	06/22/2024	13:25
A4D46	P2775-17	BM046196.D	06/22/2024	14:01
A4D59	P2775-22	BM046197.D	06/22/2024	14:38
A4C97	P2775-15	BM046198.D	06/22/2024	15:15
A4D54	P2775-20	BM046199.D	06/22/2024	15:52
A4C86	P2775-08	BM046200.D	06/22/2024	16:28
A4C87	P2775-09	BM046201.D	06/22/2024	17:05
A4C88	P2775-10	BM046202.D	06/22/2024	17:42
E1G64	P2961-01	BM046203.D	06/22/2024	18:18
E1G86	P2961-02	BM046204.D	06/22/2024	18:55
E1G87	P2961-03	BM046205.D	06/22/2024	19:32
SSTD0.4142	SSTDCCC0.4	BM046206.D	06/22/2024	20:45

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062224

Lab Code: CHEM

SAS No.: BM062224 SDG NO.: BM062224

Lab File ID: BM046188.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.8
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	56.2
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	55.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	63.2
443	15.0 - 24.0% of mass 442	12.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK447	PB161447BL	BM046207.D	06/22/2024	21:21
SBLK649	PB161649BL	BM046208.D	06/22/2024	21:58
E1G88	P2961-04	BM046209.D	06/22/2024	22:35
A4BP9DL	P2754-10DL	BM046210.D	06/22/2024	23:11
A4BQ0DL	P2754-11DL	BM046211.D	06/22/2024	23:48
A4BQ1DL	P2754-17DL	BM046212.D	06/23/2024	00:25
A4BQ4DL	P2754-18DL	BM046213.D	06/23/2024	01:02
A4C90DL	P2775-11DL	BM046214.D	06/23/2024	01:39
A4C93DL	P2775-12DL	BM046215.D	06/23/2024	02:16
A4C95DL	P2775-13DL	BM046216.D	06/23/2024	02:53
A4C96DL	P2775-14DL	BM046217.D	06/23/2024	03:30
A4D46DL	P2775-17DL	BM046218.D	06/23/2024	04:06
A4D59DL	P2775-22DL	BM046219.D	06/23/2024	04:43
A4B95	P2776-07	BM046220.D	06/23/2024	05:20
SLCS649	PB161649BS	BM046221.D	06/23/2024	05:56
SLCS447	PB161447BS	BM046222.D	06/23/2024	06:33
SSTD0.4143	SSTDCCC0.4	BM046223.D	06/23/2024	07:45