

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM062024 SAS No.: BM062024 SDG No.: BM062024
Instrument ID: BNA_M Calibration Date/Time: 6/20/2024 1:08:49
Lab File ID: BM046113.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4134 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	0.675	0.010	9.7164	40.0
1,4-Dioxane-d8	0.549	0.656	0.010	19.4566	40.0
Naphthalene	1.115	1.134	0.600	1.6932	30.0
1-Methylnaphthalene	0.689	0.742	0.300	7.7776	30.0
2-Methylnaphthalene	0.628	0.639	0.300	1.7089	30.0
Acenaphthylene	1.897	1.997	0.900	5.2796	30.0
Acenaphthene	1.370	1.473	0.500	7.5789	30.0
Fluorene	1.470	1.513	0.700	2.944	30.0
Pentachlorophenol	0.120	0.098	0.010	-18.4933	50.0
Phenanthrene	1.124	1.170	0.300	4.0749	30.0
Anthracene	0.837	0.828	0.400	-1.1169	30.0
Fluoranthene	1.732	1.877	0.400	8.3695	30.0
Pyrene	1.873	1.972	0.500	5.2946	30.0
Benzo (a) anthracene	1.545	1.539	0.400	-0.3645	30.0
Chrysene	1.972	2.041	0.400	3.5092	30.0
Benzo (b) fluoranthene	1.441	1.427	0.200	-0.9973	30.0
Benzo (k) fluoranthene	1.713	1.667	0.200	-2.7207	30.0
Benzo (a) pyrene	1.335	1.473	0.200	10.3347	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.139	0.200	-2.1166	30.0
Dibenzo (a,h) anthracene	1.627	1.642	0.200	0.9297	30.0
Benzo (g,h,i) perylene	1.874	1.917	0.200	2.2596	30.0
Fluoranthene-d10	1.198	1.221	0.400	1.9601	30.0
2-Methylnaphthalene-d10	0.537	0.538	0.300	0.1993	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.: BM062024 SAS No.: BM062024 SDG No.: BM062024

Instrument ID: BNA_M Calibration Date/Time: 6/20/2024 1:16:57

Lab File ID: BM046126.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4135 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	0.621	0.010	0.9586	40.0
1,4-Dioxane-d8	0.549	0.531	0.010	-3.3167	40.0
Naphthalene	1.115	1.124	0.600	0.756	30.0
1-Methylnaphthalene	0.689	0.735	0.300	6.7617	30.0
2-Methylnaphthalene	0.628	0.642	0.300	2.318	30.0
Acenaphthylene	1.897	1.990	0.900	4.8723	30.0
Acenaphthene	1.370	1.441	0.500	5.1823	30.0
Fluorene	1.470	1.524	0.700	3.7118	30.0
Pentachlorophenol	0.120	0.113	0.010	-6.0722	50.0
Phenanthrene	1.124	1.150	0.300	2.33	30.0
Anthracene	0.837	0.861	0.400	2.8441	30.0
Fluoranthene	1.732	1.808	0.400	4.4157	30.0
Pyrene	1.873	1.931	0.500	3.1115	30.0
Benzo (a) anthracene	1.545	1.598	0.400	3.4507	30.0
Chrysene	1.972	1.954	0.400	-0.8901	30.0
Benzo (b) fluoranthene	1.441	1.444	0.200	0.2051	30.0
Benzo (k) fluoranthene	1.713	1.695	0.200	-1.0483	30.0
Benzo (a) pyrene	1.335	1.400	0.200	4.8399	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.013	0.200	-7.8967	30.0
Dibenzo (a,h) anthracene	1.627	1.547	0.200	-4.9515	30.0
Benzo (g,h,i) perylene	1.874	1.697	0.200	-9.4365	30.0
Fluoranthene-d10	1.198	1.234	0.400	2.9729	30.0
2-Methylnaphthalene-d10	0.537	0.558	0.300	3.9802	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.: BM062024 SAS No.: BM062024 SDG No.: BM062024
Instrument ID: BNA_M Calibration Date/Time: 6/21/2024 1:02:05
Lab File ID: BM046140.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4136 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	0.602	0.010	-2.2245	40.0
1,4-Dioxane-d8	0.549	0.562	0.010	2.431	40.0
Naphthalene	1.115	1.149	0.600	2.9597	30.0
1-Methylnaphthalene	0.689	0.733	0.300	6.4507	30.0
2-Methylnaphthalene	0.628	0.655	0.300	4.2985	30.0
Acenaphthylene	1.897	2.009	0.900	5.9027	30.0
Acenaphthene	1.370	1.446	0.500	5.564	30.0
Fluorene	1.470	1.545	0.700	5.144	30.0
Pentachlorophenol	0.120	0.124	0.010	3.0594	50.0
Phenanthrene	1.124	1.163	0.300	3.4471	30.0
Anthracene	0.837	0.900	0.400	7.5422	30.0
Fluoranthene	1.732	1.881	0.400	8.6106	30.0
Pyrene	1.873	2.003	0.500	6.9228	30.0
Benzo (a) anthracene	1.545	1.613	0.400	4.3938	30.0
Chrysene	1.972	1.987	0.400	0.7557	30.0
Benzo (b) fluoranthene	1.441	1.511	0.200	4.8649	30.0
Benzo (k) fluoranthene	1.713	1.659	0.200	-3.1742	30.0
Benzo (a) pyrene	1.335	1.408	0.200	5.4555	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.039	0.200	-6.684	30.0
Dibenzo (a,h) anthracene	1.627	1.569	0.200	-3.5759	30.0
Benzo (g,h,i) perylene	1.874	1.735	0.200	-7.404	30.0
Fluoranthene-d10	1.198	1.247	0.400	4.0951	30.0
2-Methylnaphthalene-d10	0.537	0.557	0.300	3.7485	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.: BM062024 SAS No.: BM062024 SDG No.: BM062024

Instrument ID: BNA_M Calibration Date/Time: 6/21/2024 1:08:06

Lab File ID: BM046149.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4137 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	0.609	0.010	-1.0665	40.0
1,4-Dioxane-d8	0.549	0.548	0.010	-0.1541	40.0
Naphthalene	1.115	1.141	0.600	2.2769	30.0
1-Methylnaphthalene	0.689	0.760	0.300	10.2532	30.0
2-Methylnaphthalene	0.628	0.637	0.300	1.4912	30.0
Acenaphthylene	1.897	2.004	0.900	5.6373	30.0
Acenaphthene	1.370	1.460	0.500	6.5826	30.0
Fluorene	1.470	1.522	0.700	3.578	30.0
Pentachlorophenol	0.120	0.100	0.010	-16.99	50.0
Phenanthrene	1.124	1.145	0.300	1.8846	30.0
Anthracene	0.837	0.818	0.400	-2.2676	30.0
Fluoranthene	1.732	1.926	0.400	11.2307	30.0
Pyrene	1.873	2.039	0.500	8.8405	30.0
Benzo (a) anthracene	1.545	1.535	0.400	-0.6476	30.0
Chrysene	1.972	1.987	0.400	0.7916	30.0
Benzo (b) fluoranthene	1.441	1.428	0.200	-0.9225	30.0
Benzo (k) fluoranthene	1.713	1.693	0.200	-1.2008	30.0
Benzo (a) pyrene	1.335	1.445	0.200	8.2157	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.985	0.200	-9.1905	30.0
Dibenzo (a,h) anthracene	1.627	1.521	0.200	-6.5007	30.0
Benzo (g,h,i) perylene	1.874	1.741	0.200	-7.1142	30.0
Fluoranthene-d10	1.198	1.261	0.400	5.2263	30.0
2-Methylnaphthalene-d10	0.537	0.551	0.300	2.6045	30.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK391	SDG No.:	BM062024
Lab Sample ID:	PB161391BL	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
BM046114.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.184		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.359		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.286		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2935	7.421				
1146-65-2	Naphthalene-d8	8192	10.194				
15067-26-2	Acenaphthene-d10	4289	14.072				

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:	SBLK391	SDG No.:	BM062024
Lab Sample ID:	PB161391BL	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
BM046114.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9003	16.816				
1719-03-5	Chrysene-d12	6187	21.041				
1520-96-3	Perylene-d12	7269	23.118				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ4DL	SDG No.:	BM062024
Lab Sample ID:	P2695-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23
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
BM046115.D	5	6/6/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	43	ug/Kg
91-20-3	Naphthalene	6.5	JD	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.4	U	3.4	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	14	JD	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	10	JD	1.2	5.3	21	ug/Kg
86-73-7	Fluorene	9.9	JD	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.8	43	ug/Kg
85-01-8	Phenanthrene	140	D	1.2	5.3	21	ug/Kg
120-12-7	Anthracene	36	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	240	D	1.2	5.3	21	ug/Kg
129-00-0	Pyrene	180	D	1.6	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	0.6	5.3	21	ug/Kg
218-01-9	Chrysene	96	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	D	2.1	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	70	D	2.1	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	D	3.4	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18	JD	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.6	JD	4.9	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.06		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2540		7.438			
1146-65-2	Naphthalene-d8	6655		10.243			
15067-26-2	Acenaphthene-d10	3841		14.09			

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ4DL	SDG No.:	BM062024
Lab Sample ID:	P2695-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23
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
BM046115.D	5	6/6/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7464	16.833				
1719-03-5	Chrysene-d12	6016	21.026				
1520-96-3	Perylene-d12	6945	23.118				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BM062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
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
BM046116.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	9.2		0.25	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	4.8		0.66	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	5.3		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	25		0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	18		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	20		0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	320	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	80	E	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	550	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	330	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	260	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	210	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	E	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	130	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77	E	0.66	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.95	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.672		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.306		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2277		7.426			
1146-65-2	Naphthalene-d8	6485		10.2			
15067-26-2	Acenaphthene-d10	3468		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BM062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046116.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7633	16.816				
1719-03-5	Chrysene-d12	5836	21.014				
1520-96-3	Perylene-d12	6794	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BM062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM046117.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

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	4.9		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	3.9		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	3.7	J	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	5		0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	13		0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	12		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	160	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	31		0.19	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	150	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	160	E	0.27	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	73	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	67	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	32		0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	75	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.8		0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40		0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.149		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	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	2375		7.426			
1146-65-2	Naphthalene-d8	6669		10.198			
15067-26-2	Acenaphthene-d10	3664		14.075			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BM062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM046117.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7930	16.815				
1719-03-5	Chrysene-d12	6271	21.018				
1520-96-3	Perylene-d12	6634	23.113				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BM062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM046118.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96	U	0.96	0	7.3	ug/Kg
91-20-3	Naphthalene	2.6	J	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	J	0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	8.8		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	6.1		0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	7.6		0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	110	E	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	28		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	190	E	0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	130	E	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	91	E	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	72	E	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	38		0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	56		0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31		0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6		0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.085		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.242		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.216		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2423		7.426			
1146-65-2	Naphthalene-d8	6909		10.205			
15067-26-2	Acenaphthene-d10	3760		14.076			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BM062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM046118.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8170	16.816				
1719-03-5	Chrysene-d12	6276	21.014				
1520-96-3	Perylene-d12	6908	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM0	SDG No.:	BM062024
Lab Sample ID:	P2710-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046119.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	1.6	J	0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.67	U	0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.9	J	0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	6		0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	2.6	J	0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	2.8	J	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	36		0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	11		0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	67		0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	55		0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	29		0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	61		0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	42		0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23		0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.6		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.051		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.261		30-130		65	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	2315		7.426			
1146-65-2	Naphthalene-d8	6632		10.2			
15067-26-2	Acenaphthene-d10	3600		14.076			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM0	SDG No.:	BM062024
Lab Sample ID:	P2710-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046119.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7581	16.816				
1719-03-5	Chrysene-d12	6146	21.02				
1520-96-3	Perylene-d12	6520	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BM062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
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
BM046120.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	12	ug/Kg
91-20-3	Naphthalene	11		0.35	1.4	5.7	ug/Kg
90-12-0	1-Methylnaphthalene	4.7	J	0.9	1.4	5.7	ug/Kg
91-57-6	2-Methylnaphthalene	6		0.33	1.4	5.7	ug/Kg
208-96-8	Acenaphthylene	29		0.57	1.4	5.7	ug/Kg
83-32-9	Acenaphthene	21		0.31	1.4	5.7	ug/Kg
86-73-7	Fluorene	24		0.38	1.4	5.7	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	2.9	12	ug/Kg
85-01-8	Phenanthrene	350	E	0.31	1.4	5.7	ug/Kg
120-12-7	Anthracene	85		0.29	1.4	5.7	ug/Kg
206-44-0	Fluoranthene	740	E	0.31	1.4	5.7	ug/Kg
129-00-0	Pyrene	470	E	0.42	1.4	5.7	ug/Kg
56-55-3	Benzo(a)anthracene	350	E	0.16	1.4	5.7	ug/Kg
218-01-9	Chrysene	310	E	0.43	1.4	5.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	580	E	0.81	1.4	5.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.55	1.4	5.7	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.55	1.4	5.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	E	0.9	1.4	5.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58		0.81	1.4	5.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.3	1.4	5.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.968		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.218		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2520		7.426			
1146-65-2	Naphthalene-d8	7281		10.2			
15067-26-2	Acenaphthene-d10	3968		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BM062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
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
BM046120.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8762	16.816				
1719-03-5	Chrysene-d12	6828	21.011				
1520-96-3	Perylene-d12	7770	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BM062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.9
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
BM046121.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	10	ug/Kg
91-20-3	Naphthalene	5.5		0.31	1.3	5.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.5	J	0.81	1.3	5.1	ug/Kg
91-57-6	2-Methylnaphthalene	3.1	J	0.3	1.3	5.1	ug/Kg
208-96-8	Acenaphthylene	24		0.51	1.3	5.1	ug/Kg
83-32-9	Acenaphthene	12		0.28	1.3	5.1	ug/Kg
86-73-7	Fluorene	15		0.34	1.3	5.1	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	230	E	0.28	1.3	5.1	ug/Kg
120-12-7	Anthracene	62		0.26	1.3	5.1	ug/Kg
206-44-0	Fluoranthene	560	E	0.28	1.3	5.1	ug/Kg
129-00-0	Pyrene	340	E	0.37	1.3	5.1	ug/Kg
56-55-3	Benzo(a)anthracene	270	E	0.14	1.3	5.1	ug/Kg
218-01-9	Chrysene	230	E	0.39	1.3	5.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	E	0.73	1.3	5.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.5	1.3	5.1	ug/Kg
50-32-8	Benzo(a)pyrene	150	E	0.5	1.3	5.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	E	0.81	1.3	5.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42		0.73	1.3	5.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.2	1.3	5.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.378		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	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	3089		7.421			
1146-65-2	Naphthalene-d8	9039		10.194			
15067-26-2	Acenaphthene-d10	4854		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BM062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.9
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
BM046121.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10665	16.812				
1719-03-5	Chrysene-d12	8295	21.011				
1520-96-3	Perylene-d12	9555	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BM062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37
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
BM046122.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	11	ug/Kg
91-20-3	Naphthalene	1.3	J	0.32	1.3	5.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.83	U	0.83	1.3	5.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.3	U	0.3	1.3	5.2	ug/Kg
208-96-8	Acenaphthylene	3.3	J	0.52	1.3	5.2	ug/Kg
83-32-9	Acenaphthene	3.6	J	0.29	1.3	5.2	ug/Kg
86-73-7	Fluorene	4.2	J	0.35	1.3	5.2	ug/Kg
87-86-5	Pentachlorophenol	3.2	U	3.2	2.7	11	ug/Kg
85-01-8	Phenanthrene	45		0.29	1.3	5.2	ug/Kg
120-12-7	Anthracene	13		0.27	1.3	5.2	ug/Kg
206-44-0	Fluoranthene	68		0.29	1.3	5.2	ug/Kg
129-00-0	Pyrene	55		0.38	1.3	5.2	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.15	1.3	5.2	ug/Kg
218-01-9	Chrysene	25		0.4	1.3	5.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	47		0.75	1.3	5.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.51	1.3	5.2	ug/Kg
50-32-8	Benzo(a)pyrene	35		0.51	1.3	5.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		0.83	1.3	5.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.1	J	0.75	1.3	5.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		1.2	1.3	5.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.084		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.174		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.153		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2866		7.426			
1146-65-2	Naphthalene-d8	8386		10.205			
15067-26-2	Acenaphthene-d10	4666		14.076			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BM062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37
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
BM046122.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9473	16.82				
1719-03-5	Chrysene-d12	7688	21.023				
1520-96-3	Perylene-d12	8009	23.115				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BM062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	3.1
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
BM046123.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.92	U	0.92	0	6.9	ug/Kg
91-20-3	Naphthalene	0.21	U	0.21	0.85	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.53	U	0.53	0.85	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.85	3.4	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.34	0.85	3.4	ug/Kg
83-32-9	Acenaphthene	0.69	J	0.19	0.85	3.4	ug/Kg
86-73-7	Fluorene	0.89	J	0.23	0.85	3.4	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.7	6.9	ug/Kg
85-01-8	Phenanthrene	11		0.19	0.85	3.4	ug/Kg
120-12-7	Anthracene	3.6		0.17	0.85	3.4	ug/Kg
206-44-0	Fluoranthene	23		0.19	0.85	3.4	ug/Kg
129-00-0	Pyrene	20		0.25	0.85	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.1	0.85	3.4	ug/Kg
218-01-9	Chrysene	9.8		0.26	0.85	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.48	0.85	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.2		0.33	0.85	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.33	0.85	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.3		0.53	0.85	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.48	0.85	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.1		0.77	0.85	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.962		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.186		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2655		7.426			
1146-65-2	Naphthalene-d8	7721		10.2			
15067-26-2	Acenaphthene-d10	4203		14.077			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BM062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	3.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046123.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8609	16.82				
1719-03-5	Chrysene-d12	6742	21.023				
1520-96-3	Perylene-d12	7493	23.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.92	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BM062024
Lab Sample ID:	P2710-16	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
BM046124.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	14	ug/Kg
91-20-3	Naphthalene	6	J	0.42	1.7	6.9	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	J	1.1	1.7	6.9	ug/Kg
91-57-6	2-Methylnaphthalene	2.8	J	0.4	1.7	6.9	ug/Kg
208-96-8	Acenaphthylene	17		0.69	1.7	6.9	ug/Kg
83-32-9	Acenaphthene	11		0.38	1.7	6.9	ug/Kg
86-73-7	Fluorene	14		0.46	1.7	6.9	ug/Kg
87-86-5	Pentachlorophenol	4.2	U	4.2	3.5	14	ug/Kg
85-01-8	Phenanthrene	190	E	0.38	1.7	6.9	ug/Kg
120-12-7	Anthracene	56		0.35	1.7	6.9	ug/Kg
206-44-0	Fluoranthene	450	E	0.38	1.7	6.9	ug/Kg
129-00-0	Pyrene	270	E	0.5	1.7	6.9	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.19	1.7	6.9	ug/Kg
218-01-9	Chrysene	200	E	0.52	1.7	6.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	E	0.98	1.7	6.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	110		0.67	1.7	6.9	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.67	1.7	6.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81		1.1	1.7	6.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33		0.98	1.7	6.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.6	1.7	6.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.936		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2788		7.421			
1146-65-2	Naphthalene-d8	8201		10.194			
15067-26-2	Acenaphthene-d10	4441		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BM062024
Lab Sample ID:	P2710-16	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
BM046124.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9477	16.816				
1719-03-5	Chrysene-d12	7452	21.014				
1520-96-3	Perylene-d12	8493	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BM062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.9
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
BM046125.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	15	ug/Kg
91-20-3	Naphthalene	6.8	J	0.43	1.8	7.2	ug/Kg
90-12-0	1-Methylnaphthalene	3.5	J	1.1	1.8	7.2	ug/Kg
91-57-6	2-Methylnaphthalene	4.3	J	0.41	1.8	7.2	ug/Kg
208-96-8	Acenaphthylene	17		0.72	1.8	7.2	ug/Kg
83-32-9	Acenaphthene	22		0.39	1.8	7.2	ug/Kg
86-73-7	Fluorene	24		0.48	1.8	7.2	ug/Kg
87-86-5	Pentachlorophenol	4.3	U	4.3	3.6	15	ug/Kg
85-01-8	Phenanthrene	310	E	0.39	1.8	7.2	ug/Kg
120-12-7	Anthracene	84		0.37	1.8	7.2	ug/Kg
206-44-0	Fluoranthene	560	E	0.39	1.8	7.2	ug/Kg
129-00-0	Pyrene	350	E	0.52	1.8	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	280	E	0.2	1.8	7.2	ug/Kg
218-01-9	Chrysene	230	E	0.54	1.8	7.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	E	1	1.8	7.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	E	0.69	1.8	7.2	ug/Kg
50-32-8	Benzo(a)pyrene	160	E	0.69	1.8	7.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100		1.1	1.8	7.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42		1	1.8	7.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.6	1.8	7.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.318		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2551		7.426			
1146-65-2	Naphthalene-d8	7340		10.194			
15067-26-2	Acenaphthene-d10	4012		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BM062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.9
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
BM046125.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8538	16.812				
1719-03-5	Chrysene-d12	6824	21.014				
1520-96-3	Perylene-d12	7588	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	SBLK389	SDG No.:	BM062024
Lab Sample ID:	PB161389BL	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
BM046127.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.072		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4291		7.421			
1146-65-2	Naphthalene-d8	12529		10.187			
15067-26-2	Acenaphthene-d10	6625		14.07			

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:	SBLK389	SDG No.:	BM062024
Lab Sample ID:	PB161389BL	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
BM046127.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13963	16.815				
1719-03-5	Chrysene-d12	10282	21.035				
1520-96-3	Perylene-d12	10954	23.113				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BM062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046128.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.94	U	0.94	0	7.1	ug/Kg
91-20-3	Naphthalene	0.74	J	0.21	0.87	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.55	U	0.55	0.87	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.87	3.5	ug/Kg
208-96-8	Acenaphthylene	3	J	0.35	0.87	3.5	ug/Kg
83-32-9	Acenaphthene	6.6		0.19	0.87	3.5	ug/Kg
86-73-7	Fluorene	8.1		0.23	0.87	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	140	E	0.19	0.87	3.5	ug/Kg
120-12-7	Anthracene	52		0.18	0.87	3.5	ug/Kg
206-44-0	Fluoranthene	190	E	0.19	0.87	3.5	ug/Kg
129-00-0	Pyrene	180	E	0.25	0.87	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.1	0.87	3.5	ug/Kg
218-01-9	Chrysene	93	E	0.26	0.87	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	E	0.5	0.87	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.34	0.87	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	88	E	0.34	0.87	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		0.55	0.87	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.5	0.87	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34		0.79	0.87	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.544		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.206		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2339		7.426			
1146-65-2	Naphthalene-d8	6573		10.204			
15067-26-2	Acenaphthene-d10	3692		14.075			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BM062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046128.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7610	16.819				
1719-03-5	Chrysene-d12	6440	21.015				
1520-96-3	Perylene-d12	7261	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.94	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BM062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.1
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
BM046129.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

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	0.26	U	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.68	U	0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	1.4	J	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.2	J	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	17		0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	4.7		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	32		0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	27		0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	12		0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	24		0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.9		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.1		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	J	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.98	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.459		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2307		7.426			
1146-65-2	Naphthalene-d8	6766		10.204			
15067-26-2	Acenaphthene-d10	3697		14.075			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BM062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.1
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
BM046129.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7655	16.819				
1719-03-5	Chrysene-d12	6052	21.023				
1520-96-3	Perylene-d12	6193	23.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4B87	SDG No.:	BM062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
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
BM046130.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	10	ug/Kg
91-20-3	Naphthalene	95	E	0.3	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	53		0.78	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	64		0.28	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	110	E	0.49	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	210	E	0.27	1.2	4.9	ug/Kg
86-73-7	Fluorene	270	E	0.33	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	2600	E	0.27	1.2	4.9	ug/Kg
120-12-7	Anthracene	630	E	0.25	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	3900	E	0.27	1.2	4.9	ug/Kg
129-00-0	Pyrene	2400	E	0.36	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	1800	E	0.14	1.2	4.9	ug/Kg
218-01-9	Chrysene	1400	E	0.37	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	E	0.7	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	500	E	0.48	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	670	E	0.48	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	E	0.78	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	E	0.7	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60		1.1	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.968		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.571	*	30-130		143	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.459		20-140		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2535		7.422			
1146-65-2	Naphthalene-d8	7274		10.187			
15067-26-2	Acenaphthene-d10	4239		14.066			

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:	A4B87	SDG No.:	BM062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
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
BM046130.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9582	16.807				
1719-03-5	Chrysene-d12	6384	21.009				
1520-96-3	Perylene-d12	10145	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4B87MS	SDG No.:	BM062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
Sample Wt/Vol:	30.05 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
BM046131.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58		1.3	0	10	ug/Kg
91-20-3	Naphthalene	61		0.3	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	43		0.78	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	50		0.28	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	99	E	0.49	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	140	E	0.27	1.2	4.9	ug/Kg
86-73-7	Fluorene	160	E	0.33	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	24		3	2.5	10	ug/Kg
85-01-8	Phenanthrene	1600	E	0.27	1.2	4.9	ug/Kg
120-12-7	Anthracene	420	E	0.25	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	2400	E	0.27	1.2	4.9	ug/Kg
129-00-0	Pyrene	1500	E	0.36	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	1200	E	0.14	1.2	4.9	ug/Kg
218-01-9	Chrysene	910	E	0.37	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.7	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	340	E	0.48	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	430	E	0.48	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	E	0.78	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	E	0.7	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41		1.1	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.482		15-120		60	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2481		7.443			
1146-65-2	Naphthalene-d8	7308		10.215			
15067-26-2	Acenaphthene-d10	4197		14.075			

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:	A4B87MS	SDG No.:	BM062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
Sample Wt/Vol:	30.05 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
BM046131.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9183	16.811				
1719-03-5	Chrysene-d12	6546	21.009				
1520-96-3	Perylene-d12	10439	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4B87MSD	SDG No.:	BM062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
Sample Wt/Vol:	30.03 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
BM046132.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55		1.3	0	10	ug/Kg
91-20-3	Naphthalene	57		0.3	1.2	5	ug/Kg
90-12-0	1-Methylnaphthalene	40		0.78	1.2	5	ug/Kg
91-57-6	2-Methylnaphthalene	46		0.28	1.2	5	ug/Kg
208-96-8	Acenaphthylene	96	E	0.5	1.2	5	ug/Kg
83-32-9	Acenaphthene	130	E	0.27	1.2	5	ug/Kg
86-73-7	Fluorene	150	E	0.33	1.2	5	ug/Kg
87-86-5	Pentachlorophenol	22		3	2.5	10	ug/Kg
85-01-8	Phenanthrene	1500	E	0.27	1.2	5	ug/Kg
120-12-7	Anthracene	400	E	0.26	1.2	5	ug/Kg
206-44-0	Fluoranthene	1900	E	0.27	1.2	5	ug/Kg
129-00-0	Pyrene	1200	E	0.36	1.2	5	ug/Kg
56-55-3	Benzo(a)anthracene	980	E	0.14	1.2	5	ug/Kg
218-01-9	Chrysene	750	E	0.38	1.2	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	950	E	0.71	1.2	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	340	E	0.48	1.2	5	ug/Kg
50-32-8	Benzo(a)pyrene	410	E	0.48	1.2	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	E	0.78	1.2	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	E	0.71	1.2	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38		1.1	1.2	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.46		15-120		57	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2512		7.438			
1146-65-2	Naphthalene-d8	7176		10.215			
15067-26-2	Acenaphthene-d10	4082		14.075			

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:	A4B87MSD	SDG No.:	BM062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.4
Sample Wt/Vol:	30.03 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
BM046132.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8719	16.811				
1719-03-5	Chrysene-d12	7412	21.009				
1520-96-3	Perylene-d12	10587	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BM062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30	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
BM046133.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	3	J	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	J	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	J	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	6.7		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	10		0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	9.9		0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	120	E	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	26		0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	140	E	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	140	E	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	67	E	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	60		0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	E	0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	62	E	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28		0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.5		0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33		0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.271		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3105		7.422			
1146-65-2	Naphthalene-d8	9030		10.193			
15067-26-2	Acenaphthene-d10	4919		14.071			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BM062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046133.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10276	16.815				
1719-03-5	Chrysene-d12	8148	21.015				
1520-96-3	Perylene-d12	9313	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BM062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.2
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
BM046134.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

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	92	E	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	73	E	0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	100	E	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	64		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	250	E	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	180	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	2700	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	430	E	0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	3600	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	2500	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	1600	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	1400	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	E	0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	540	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	E	0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	E	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.284		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.492		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2797		7.421			
1146-65-2	Naphthalene-d8	8001		10.189			
15067-26-2	Acenaphthene-d10	4595		14.067			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BM062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.2
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
BM046134.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9660	16.808				
1719-03-5	Chrysene-d12	6358	21.009				
1520-96-3	Perylene-d12	10954	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM9	SDG No.:	BM062024
Lab Sample ID:	P2710-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046135.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

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	1.3	J	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	5.6		0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	2	J	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	2.5	J	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	28		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	8.1		0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	49		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	42		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	28		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	21		0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	41		0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.6		0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.702		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.254		30-130		63	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	2802		7.421			
1146-65-2	Naphthalene-d8	8112		10.193			
15067-26-2	Acenaphthene-d10	4423		14.071			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM9	SDG No.:	BM062024
Lab Sample ID:	P2710-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046135.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9215	16.815				
1719-03-5	Chrysene-d12	7614	21.018				
1520-96-3	Perylene-d12	8179	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4B88	SDG No.:	BM062024
Lab Sample ID:	P2710-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	31.5
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
BM046136.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	9.8	ug/Kg
91-20-3	Naphthalene	4.2	J	0.29	1.2	4.8	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	J	0.76	1.2	4.8	ug/Kg
91-57-6	2-Methylnaphthalene	2.8	J	0.28	1.2	4.8	ug/Kg
208-96-8	Acenaphthylene	9.1		0.48	1.2	4.8	ug/Kg
83-32-9	Acenaphthene	8.2		0.26	1.2	4.8	ug/Kg
86-73-7	Fluorene	12		0.32	1.2	4.8	ug/Kg
87-86-5	Pentachlorophenol	2.9	U	2.9	2.4	9.8	ug/Kg
85-01-8	Phenanthrene	170	E	0.26	1.2	4.8	ug/Kg
120-12-7	Anthracene	42		0.25	1.2	4.8	ug/Kg
206-44-0	Fluoranthene	240	E	0.26	1.2	4.8	ug/Kg
129-00-0	Pyrene	180	E	0.35	1.2	4.8	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.14	1.2	4.8	ug/Kg
218-01-9	Chrysene	92	E	0.36	1.2	4.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.69	1.2	4.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.47	1.2	4.8	ug/Kg
50-32-8	Benzo(a)pyrene	100	E	0.47	1.2	4.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48		0.76	1.2	4.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.69	1.2	4.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54		1.1	1.2	4.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.821		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.204		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3090		7.421			
1146-65-2	Naphthalene-d8	8952		10.193			
15067-26-2	Acenaphthene-d10	4897		14.07			

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:	A4B88	SDG No.:	BM062024
Lab Sample ID:	P2710-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	31.5
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
BM046136.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10139	16.815				
1719-03-5	Chrysene-d12	8056	21.015				
1520-96-3	Perylene-d12	9330	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4B89	SDG No.:	BM062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	2.3
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
BM046137.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.91	U	0.91	0	6.8	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.84	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.53	U	0.53	0.84	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.84	3.4	ug/Kg
208-96-8	Acenaphthylene	1.1	J	0.34	0.84	3.4	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.18	0.84	3.4	ug/Kg
86-73-7	Fluorene	1.3	J	0.22	0.84	3.4	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.8	ug/Kg
85-01-8	Phenanthrene	14		0.18	0.84	3.4	ug/Kg
120-12-7	Anthracene	4.5		0.17	0.84	3.4	ug/Kg
206-44-0	Fluoranthene	23		0.18	0.84	3.4	ug/Kg
129-00-0	Pyrene	20		0.24	0.84	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.09	0.84	3.4	ug/Kg
218-01-9	Chrysene	9.8		0.26	0.84	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.48	0.84	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.4		0.33	0.84	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.33	0.84	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.3		0.53	0.84	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.48	0.84	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.7		0.77	0.84	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.989		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.212		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2603		7.422			
1146-65-2	Naphthalene-d8	7646		10.194			
15067-26-2	Acenaphthene-d10	4175		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:	A4B89	SDG No.:	BM062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	2.3
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
BM046137.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8720	16.816				
1719-03-5	Chrysene-d12	6944	21.02				
1520-96-3	Perylene-d12	7697	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.91	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BM062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046138.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.94	U	0.94	0	7.1	ug/Kg
91-20-3	Naphthalene	0.92	J	0.21	0.87	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.55	U	0.55	0.87	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.87	3.5	ug/Kg
208-96-8	Acenaphthylene	2.5	J	0.35	0.87	3.5	ug/Kg
83-32-9	Acenaphthene	0.74	J	0.19	0.87	3.5	ug/Kg
86-73-7	Fluorene	0.99	J	0.23	0.87	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	12		0.19	0.87	3.5	ug/Kg
120-12-7	Anthracene	3.7		0.18	0.87	3.5	ug/Kg
206-44-0	Fluoranthene	22		0.19	0.87	3.5	ug/Kg
129-00-0	Pyrene	19		0.25	0.87	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.1	0.87	3.5	ug/Kg
218-01-9	Chrysene	10		0.26	0.87	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.5	0.87	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.1		0.34	0.87	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.34	0.87	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.6		0.55	0.87	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.3	J	0.5	0.87	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.7		0.79	0.87	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.589		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.263		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2548		7.421			
1146-65-2	Naphthalene-d8	7541		10.194			
15067-26-2	Acenaphthene-d10	4119		14.072			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BM062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046138.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8515	16.816				
1719-03-5	Chrysene-d12	6810	21.017				
1520-96-3	Perylene-d12	7310	23.109				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.94	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:	SLCS389	SDG No.:	BM062024
Lab Sample ID:	PB161389BS	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
BM046139.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	46		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	10		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	20		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	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	11		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	11		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	12		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	9.6		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.588		15-120		74	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.311		30-130		78	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	2284		7.463			
1146-65-2	Naphthalene-d8	7245		10.248			
15067-26-2	Acenaphthene-d10	4252		14.098			

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:	SLCS389	SDG No.:	BM062024
Lab Sample ID:	PB161389BS	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
BM046139.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8250	16.853				
1719-03-5	Chrysene-d12	6760	21.032				
1520-96-3	Perylene-d12	9117	23.125				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	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:	SBLK389	SDG No.:	BM062024
Lab Sample ID:	PB161389BL	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
BM046141.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	130	E	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	39		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	64	E	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	100	E	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	13		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.1		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	90		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	52		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	7.6		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	470	E	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	360	E	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	540	E	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	24		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	E	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	47		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	50		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.3		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	37.61	*	15-120		470	SPK: -8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	5.213	*	20-140		1303	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5		7.485			
1146-65-2	Naphthalene-d8	1		10.293			
15067-26-2	Acenaphthene-d10	7		14.146			

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:	SBLK389	SDG No.:	BM062024
Lab Sample ID:	PB161389BL	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
BM046141.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21	16.918				
1719-03-5	Chrysene-d12	6	21.12				
1520-96-3	Perylene-d12	5	23.227				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20DL	SDG No.:	BM062024
Lab Sample ID:	P2710-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
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
BM046142.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	10	JD	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	5.3	JD	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	5.9	JD	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	30	D	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	19	JD	1.1	5.3	21	ug/Kg
86-73-7	Fluorene	22	D	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.7	43	ug/Kg
85-01-8	Phenanthrene	350	ED	1.1	5.3	21	ug/Kg
120-12-7	Anthracene	89	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	550	ED	1.1	5.3	21	ug/Kg
129-00-0	Pyrene	350	ED	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	260	D	0.59	5.3	21	ug/Kg
218-01-9	Chrysene	200	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	2	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	2	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	D	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13	JD	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.715		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2891		7.43			
1146-65-2	Naphthalene-d8	7931		10.226			
15067-26-2	Acenaphthene-d10	4477		14.08			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20DL	SDG No.:	BM062024
Lab Sample ID:	P2710-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046142.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9151	16.823				
1719-03-5	Chrysene-d12	8095	21.018				
1520-96-3	Perylene-d12	9279	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27DL	SDG No.:	BM062024
Lab Sample ID:	P2710-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM046143.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1	U	5.1	0	38	ug/Kg
91-20-3	Naphthalene	5.5	JD	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	4.4	JD	3	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	5.9	JD	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	14	JD	1	4.7	19	ug/Kg
86-73-7	Fluorene	12	JD	1.3	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.6	38	ug/Kg
85-01-8	Phenanthrene	170	D	1	4.7	19	ug/Kg
120-12-7	Anthracene	33	D	0.97	4.7	19	ug/Kg
206-44-0	Fluoranthene	160	D	1	4.7	19	ug/Kg
129-00-0	Pyrene	170	D	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	75	D	0.53	4.7	19	ug/Kg
218-01-9	Chrysene	67	D	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	D	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	26	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	74	D	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	D	3	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.7	JD	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	D	4.3	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.1		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3083	7.43				
1146-65-2	Naphthalene-d8	8659	10.221				
15067-26-2	Acenaphthene-d10	4987	14.076				

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27DL	SDG No.:	BM062024
Lab Sample ID:	P2710-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM046143.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9870	16.824				
1719-03-5	Chrysene-d12	8026	21.02				
1520-96-3	Perylene-d12	9113	23.112				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24DL	SDG No.:	BM062024
Lab Sample ID:	P2710-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM046144.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	10	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	6.5	JD	0.97	4.5	18	ug/Kg
86-73-7	Fluorene	8.1	JD	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.1	36	ug/Kg
85-01-8	Phenanthrene	120	D	0.97	4.5	18	ug/Kg
120-12-7	Anthracene	31	D	0.92	4.5	18	ug/Kg
206-44-0	Fluoranthene	200	D	0.97	4.5	18	ug/Kg
129-00-0	Pyrene	140	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	95	D	0.5	4.5	18	ug/Kg
218-01-9	Chrysene	75	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	2.5	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	D	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	55	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	D	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12	JD	2.5	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5	JD	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.16		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2830	7.43				
1146-65-2	Naphthalene-d8	7698	10.233				
15067-26-2	Acenaphthene-d10	4480	14.081				

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24DL	SDG No.:	BM062024
Lab Sample ID:	P2710-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM046144.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8879	16.825				
1719-03-5	Chrysene-d12	7364	21.023				
1520-96-3	Perylene-d12	8834	23.113				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4DL	SDG No.:	BM062024
Lab Sample ID:	P2710-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
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
BM046145.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7	U	7.7	0	58	ug/Kg
91-20-3	Naphthalene	12	JD	1.7	7.1	29	ug/Kg
90-12-0	1-Methylnaphthalene	4.5	U	4.5	7.1	29	ug/Kg
91-57-6	2-Methylnaphthalene	6.1	JD	1.6	7.1	29	ug/Kg
208-96-8	Acenaphthylene	33	D	2.9	7.1	29	ug/Kg
83-32-9	Acenaphthene	23	JD	1.6	7.1	29	ug/Kg
86-73-7	Fluorene	24	JD	1.9	7.1	29	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14.5	58	ug/Kg
85-01-8	Phenanthrene	390	D	1.6	7.1	29	ug/Kg
120-12-7	Anthracene	91	D	1.5	7.1	29	ug/Kg
206-44-0	Fluoranthene	750	ED	1.6	7.1	29	ug/Kg
129-00-0	Pyrene	510	ED	2.1	7.1	29	ug/Kg
56-55-3	Benzo(a)anthracene	330	D	0.8	7.1	29	ug/Kg
218-01-9	Chrysene	320	D	2.2	7.1	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	ED	4.1	7.1	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	2.8	7.1	29	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	2.8	7.1	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	4.5	7.1	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	D	4.1	7.1	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	JD	6.5	7.1	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.04		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2852	7.43				
1146-65-2	Naphthalene-d8	7872	10.231				
15067-26-2	Acenaphthene-d10	4435	14.08				

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4DL	SDG No.:	BM062024
Lab Sample ID:	P2710-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
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
BM046145.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8866	16.823				
1719-03-5	Chrysene-d12	7694	21.015				
1520-96-3	Perylene-d12	8986	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7DL	SDG No.:	BM062024
Lab Sample ID:	P2710-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.9
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
BM046146.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.9	U	6.9	0	52	ug/Kg
91-20-3	Naphthalene	7	JD	1.6	6.4	26	ug/Kg
90-12-0	1-Methylnaphthalene	4	U	4	6.4	26	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	U	1.5	6.4	26	ug/Kg
208-96-8	Acenaphthylene	30	D	2.6	6.4	26	ug/Kg
83-32-9	Acenaphthene	15	JD	1.4	6.4	26	ug/Kg
86-73-7	Fluorene	17	JD	1.7	6.4	26	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13	52	ug/Kg
85-01-8	Phenanthrene	270	D	1.4	6.4	26	ug/Kg
120-12-7	Anthracene	74	D	1.3	6.4	26	ug/Kg
206-44-0	Fluoranthene	640	ED	1.4	6.4	26	ug/Kg
129-00-0	Pyrene	420	ED	1.9	6.4	26	ug/Kg
56-55-3	Benzo(a)anthracene	320	D	0.72	6.4	26	ug/Kg
218-01-9	Chrysene	250	D	1.9	6.4	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	ED	3.7	6.4	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	2.5	6.4	26	ug/Kg
50-32-8	Benzo(a)pyrene	170	D	2.5	6.4	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	4	6.4	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	D	3.7	6.4	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	5.8	6.4	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.71		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	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	3211		7.426			
1146-65-2	Naphthalene-d8	8953		10.22			
15067-26-2	Acenaphthene-d10	5113		14.08			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7DL	SDG No.:	BM062024
Lab Sample ID:	P2710-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.9
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
BM046146.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10365	16.823				
1719-03-5	Chrysene-d12	8882	21.015				
1520-96-3	Perylene-d12	10560	23.107				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0DL	SDG No.:	BM062024
Lab Sample ID:	P2710-16DL	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
BM046147.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

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	7.3	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	23	JD	3.4	8.6	34	ug/Kg
83-32-9	Acenaphthene	14	JD	1.9	8.6	34	ug/Kg
86-73-7	Fluorene	17	JD	2.3	8.6	34	ug/Kg
87-86-5	Pentachlorophenol	21	U	21	17.4	70	ug/Kg
85-01-8	Phenanthrene	240	D	1.9	8.6	34	ug/Kg
120-12-7	Anthracene	68	D	1.8	8.6	34	ug/Kg
206-44-0	Fluoranthene	520	D	1.9	8.6	34	ug/Kg
129-00-0	Pyrene	340	D	2.5	8.6	34	ug/Kg
56-55-3	Benzo(a)anthracene	230	D	0.97	8.6	34	ug/Kg
218-01-9	Chrysene	230	D	2.6	8.6	34	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	D	4.9	8.6	34	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	3.3	8.6	34	ug/Kg
50-32-8	Benzo(a)pyrene	140	D	3.3	8.6	34	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	D	5.4	8.6	34	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	D	4.9	8.6	34	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16	JD	7.8	8.6	34	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.44		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2983		7.426			
1146-65-2	Naphthalene-d8	8234		10.227			
15067-26-2	Acenaphthene-d10	4710		14.081			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0DL	SDG No.:	BM062024
Lab Sample ID:	P2710-16DL	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
BM046147.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9431	16.825				
1719-03-5	Chrysene-d12	7859	21.02				
1520-96-3	Perylene-d12	9204	23.109				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3DL	SDG No.:	BM062024
Lab Sample ID:	P2710-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.9
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
BM046148.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7	U	9.7	0	73	ug/Kg
91-20-3	Naphthalene	8	JD	2.2	8.9	36	ug/Kg
90-12-0	1-Methylnaphthalene	5.6	U	5.6	8.9	36	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	U	2.1	8.9	36	ug/Kg
208-96-8	Acenaphthylene	21	JD	3.6	8.9	36	ug/Kg
83-32-9	Acenaphthene	24	JD	2	8.9	36	ug/Kg
86-73-7	Fluorene	25	JD	2.4	8.9	36	ug/Kg
87-86-5	Pentachlorophenol	22	U	22	18.2	73	ug/Kg
85-01-8	Phenanthrene	350	D	2	8.9	36	ug/Kg
120-12-7	Anthracene	94	D	1.8	8.9	36	ug/Kg
206-44-0	Fluoranthene	600	ED	2	8.9	36	ug/Kg
129-00-0	Pyrene	400	D	2.6	8.9	36	ug/Kg
56-55-3	Benzo(a)anthracene	310	D	1	8.9	36	ug/Kg
218-01-9	Chrysene	230	D	2.7	8.9	36	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	D	5.1	8.9	36	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	3.5	8.9	36	ug/Kg
50-32-8	Benzo(a)pyrene	97	D	3.5	8.9	36	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	5.6	8.9	36	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	D	5.1	8.9	36	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	JD	8.1	8.9	36	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.31		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2815		7.426			
1146-65-2	Naphthalene-d8	7893		10.222			
15067-26-2	Acenaphthene-d10	4547		14.081			

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3DL	SDG No.:	BM062024
Lab Sample ID:	P2710-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.9
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
BM046148.D	5	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9074	16.82				
1719-03-5	Chrysene-d12	7688	21.02				
1520-96-3	Perylene-d12	8986	23.11				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.7	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BJ4DL								
P2695-03DL	A4BJ4DL	Solid	Total Alkanes	*	0.000	D 5.8	43	ug/Kg
			Total Tics :			0.00		
P2695-03DL	A4BJ4DL	Solid	Acenaphthene	10.000	JD	1.2	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Acenaphthylene	14.000	JD	2.1	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Anthracene	36.000	D	1.1	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Benzo(a)anthracene	120.000	D	0.6	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Benzo(a)pyrene	70.000	D	2.1	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Benzo(b)fluoranthene	170.000	D	3	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Benzo(g,h,i)perylene	8.600	JD	4.9	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Benzo(k)fluoranthene	63.000	D	2.1	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Chrysene	96.000	D	1.6	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Dibenzo(a,h)anthracene	18.000	JD	3	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Fluoranthene	240.000	D	1.2	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Fluorene	9.900	JD	1.4	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Indeno(1,2,3-cd)pyrene	45.000	D	3.4	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Naphthalene	6.500	JD	1.3	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Phenanthrene	140.000	D	1.2	21	ug/Kg
P2695-03DL	A4BJ4DL	Solid	Pyrene	180.000	D	1.6	21	ug/Kg
			Total Svoc :			1,227.00		
			Total Concentration:			1,227.00		
Client ID : A4B20								
P2710-01	A4B20	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
			Total Tics :			0.00		
P2710-01	A4B20	Solid	1-Methylnaphthalene	4.800		0.66	4.2	ug/Kg
P2710-01	A4B20	Solid	2-Methylnaphthalene	5.300		0.24	4.2	ug/Kg
P2710-01	A4B20	Solid	Acenaphthene	18.000		0.23	4.2	ug/Kg
P2710-01	A4B20	Solid	Acenaphthylene	25.000		0.42	4.2	ug/Kg
P2710-01	A4B20	Solid	Anthracene	80.000	E	0.22	4.2	ug/Kg
P2710-01	A4B20	Solid	Benzo(a)anthracene	260.000	E	0.12	4.2	ug/Kg
P2710-01	A4B20	Solid	Benzo(a)pyrene	130.000	E	0.41	4.2	ug/Kg
P2710-01	A4B20	Solid	Benzo(b)fluoranthene	330.000	E	0.6	4.2	ug/Kg
P2710-01	A4B20	Solid	Benzo(g,h,i)perylene	12.000		0.95	4.2	ug/Kg
P2710-01	A4B20	Solid	Benzo(k)fluoranthene	110.000	E	0.41	4.2	ug/Kg
P2710-01	A4B20	Solid	Chrysene	210.000	E	0.32	4.2	ug/Kg
P2710-01	A4B20	Solid	Dibenzo(a,h)anthracene	34.000		0.6	4.2	ug/Kg
P2710-01	A4B20	Solid	Fluoranthene	550.000	E	0.23	4.2	ug/Kg
P2710-01	A4B20	Solid	Fluorene	20.000		0.28	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-01	A4B20	Solid	Indeno(1,2,3-cd)pyrene	77.000	E	0.66	4.2	ug/Kg
P2710-01	A4B20	Solid	Naphthalene	9.200		0.25	4.2	ug/Kg
P2710-01	A4B20	Solid	Phenanthrene	320.000	E	0.23	4.2	ug/Kg
P2710-01	A4B20	Solid	Pyrene	330.000	E	0.31	4.2	ug/Kg
Total Svoc :				2,525.30				
Total Concentration:				2,525.30				
Client ID : A4B20DL								
P2710-01DL	A4B20DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
Total Tics :				0.00				
P2710-01DL	A4B20DL	Solid	1-Methylnaphthalene	5.300	JD	3.3	21	ug/Kg
P2710-01DL	A4B20DL	Solid	2-Methylnaphthalene	5.900	JD	1.2	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Acenaphthene	19.000	JD	1.1	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Acenaphthylene	30.000	D	2.1	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Anthracene	89.000	D	1.1	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Benzo(a)anthracene	260.000	D	0.59	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Benzo(a)pyrene	130.000	D	2	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Benzo(b)fluoranthene	340.000	D	3	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Benzo(g,h,i)perylene	13.000	JD	4.8	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Benzo(k)fluoranthene	110.000	D	2	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Chrysene	200.000	D	1.6	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Dibenzo(a,h)anthracene	35.000	D	3	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Fluoranthene	550.000	ED	1.1	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Fluorene	22.000	D	1.4	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Indeno(1,2,3-cd)pyrene	81.000	D	3.3	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Naphthalene	10.000	JD	1.3	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Phenanthrene	350.000	ED	1.1	21	ug/Kg
P2710-01DL	A4B20DL	Solid	Pyrene	350.000	ED	1.5	21	ug/Kg
Total Svoc :				2,600.20				
Total Concentration:				2,600.20				
Client ID : A4B21								
P2710-02	A4B21	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
Total Tics :				0.00				
P2710-02	A4B21	Solid	Acenaphthene	1.100	J	0.23	4.3	ug/Kg
P2710-02	A4B21	Solid	Acenaphthylene	1.400	J	0.43	4.3	ug/Kg
P2710-02	A4B21	Solid	Anthracene	4.700		0.22	4.3	ug/Kg
P2710-02	A4B21	Solid	Benzo(a)anthracene	15.000		0.12	4.3	ug/Kg
P2710-02	A4B21	Solid	Benzo(a)pyrene	16.000		0.42	4.3	ug/Kg
P2710-02	A4B21	Solid	Benzo(b)fluoranthene	24.000		0.61	4.3	ug/Kg
P2710-02	A4B21	Solid	Benzo(g,h,i)perylene	10.000		0.98	4.3	ug/Kg
P2710-02	A4B21	Solid	Benzo(k)fluoranthene	7.900		0.42	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-02	A4B21	Solid	Chrysene	12.000		0.33	4.3	ug/Kg
P2710-02	A4B21	Solid	Dibenzo(a,h)anthracene	2.500	J	0.61	4.3	ug/Kg
P2710-02	A4B21	Solid	Fluoranthene	32.000		0.23	4.3	ug/Kg
P2710-02	A4B21	Solid	Fluorene	1.200	J	0.29	4.3	ug/Kg
P2710-02	A4B21	Solid	Indeno(1,2,3-cd)pyrene	8.100		0.68	4.3	ug/Kg
P2710-02	A4B21	Solid	Phenanthrene	17.000		0.23	4.3	ug/Kg
P2710-02	A4B21	Solid	Pyrene	27.000		0.31	4.3	ug/Kg
Total Svoc :				179.90				
Total Concentration:				179.90				
Client ID : A4B23								
P2710-03	A4B23	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
Total Tics :				0.00				
P2710-03	A4B23	Solid	1-Methylnaphthalene	73.000	E	0.67	4.3	ug/Kg
P2710-03	A4B23	Solid	2-Methylnaphthalene	100.000	E	0.25	4.3	ug/Kg
P2710-03	A4B23	Solid	Acenaphthene	250.000	E	0.23	4.3	ug/Kg
P2710-03	A4B23	Solid	Acenaphthylene	64.000		0.43	4.3	ug/Kg
P2710-03	A4B23	Solid	Anthracene	430.000	E	0.22	4.3	ug/Kg
P2710-03	A4B23	Solid	Benzo(a)anthracene	1,600.000	E	0.12	4.3	ug/Kg
P2710-03	A4B23	Solid	Benzo(a)pyrene	540.000	E	0.42	4.3	ug/Kg
P2710-03	A4B23	Solid	Benzo(b)fluoranthene	1,300.000	E	0.61	4.3	ug/Kg
P2710-03	A4B23	Solid	Benzo(g,h,i)perylene	49.000		0.97	4.3	ug/Kg
P2710-03	A4B23	Solid	Benzo(k)fluoranthene	410.000	E	0.42	4.3	ug/Kg
P2710-03	A4B23	Solid	Chrysene	1,400.000	E	0.32	4.3	ug/Kg
P2710-03	A4B23	Solid	Dibenzo(a,h)anthracene	140.000	E	0.61	4.3	ug/Kg
P2710-03	A4B23	Solid	Fluoranthene	3,600.000	E	0.23	4.3	ug/Kg
P2710-03	A4B23	Solid	Fluorene	180.000	E	0.29	4.3	ug/Kg
P2710-03	A4B23	Solid	Indeno(1,2,3-cd)pyrene	300.000	E	0.67	4.3	ug/Kg
P2710-03	A4B23	Solid	Naphthalene	92.000	E	0.26	4.3	ug/Kg
P2710-03	A4B23	Solid	Phenanthrene	2,700.000	E	0.23	4.3	ug/Kg
P2710-03	A4B23	Solid	Pyrene	2,500.000	E	0.31	4.3	ug/Kg
Total Svoc :				15,728.00				
Total Concentration:				15,728.00				
Client ID : A4B24								
P2710-04	A4B24	Solid	Total Alkanes	*	0.000	0.96	7.3	ug/Kg
Total Tics :				0.00				
P2710-04	A4B24	Solid	1-Methylnaphthalene	1.300	J	0.56	3.6	ug/Kg
P2710-04	A4B24	Solid	2-Methylnaphthalene	1.600	J	0.21	3.6	ug/Kg
P2710-04	A4B24	Solid	Acenaphthene	6.100		0.19	3.6	ug/Kg
P2710-04	A4B24	Solid	Acenaphthylene	8.800		0.36	3.6	ug/Kg
P2710-04	A4B24	Solid	Anthracene	28.000		0.18	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-04	A4B24	Solid	Benzo(a)anthracene	91.000	E	0.1	3.6	ug/Kg
P2710-04	A4B24	Solid	Benzo(a)pyrene	56.000		0.35	3.6	ug/Kg
P2710-04	A4B24	Solid	Benzo(b)fluoranthene	130.000	E	0.51	3.6	ug/Kg
P2710-04	A4B24	Solid	Benzo(g,h,i)perylene	6.000		0.81	3.6	ug/Kg
P2710-04	A4B24	Solid	Benzo(k)fluoranthene	38.000		0.35	3.6	ug/Kg
P2710-04	A4B24	Solid	Chrysene	72.000	E	0.27	3.6	ug/Kg
P2710-04	A4B24	Solid	Dibenzo(a,h)anthracene	13.000		0.51	3.6	ug/Kg
P2710-04	A4B24	Solid	Fluoranthene	190.000	E	0.19	3.6	ug/Kg
P2710-04	A4B24	Solid	Fluorene	7.600		0.24	3.6	ug/Kg
P2710-04	A4B24	Solid	Indeno(1,2,3-cd)pyrene	31.000		0.56	3.6	ug/Kg
P2710-04	A4B24	Solid	Naphthalene	2.600	J	0.22	3.6	ug/Kg
P2710-04	A4B24	Solid	Phenanthrene	110.000	E	0.19	3.6	ug/Kg
P2710-04	A4B24	Solid	Pyrene	130.000	E	0.26	3.6	ug/Kg
Total Svoc :				923.00				
Total Concentration:				923.00				
Client ID :	A4B24DL							
P2710-04DL	A4B24DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
Total Tics :				0.00				
P2710-04DL	A4B24DL	Solid	Acenaphthene	6.500	JD	0.97	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Acenaphthylene	10.000	JD	1.8	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Anthracene	31.000	D	0.92	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Benzo(a)anthracene	95.000	D	0.5	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Benzo(a)pyrene	55.000	D	1.7	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Benzo(b)fluoranthene	120.000	D	2.5	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Benzo(g,h,i)perylene	6.500	JD	4.1	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Benzo(k)fluoranthene	41.000	D	1.7	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Chrysene	75.000	D	1.4	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Dibenzo(a,h)anthracene	12.000	JD	2.5	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Fluoranthene	200.000	D	0.97	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Fluorene	8.100	JD	1.2	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Indeno(1,2,3-cd)pyrene	33.000	D	2.8	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Phenanthrene	120.000	D	0.97	18	ug/Kg
P2710-04DL	A4B24DL	Solid	Pyrene	140.000	D	1.3	18	ug/Kg
Total Svoc :				953.10				
Total Concentration:				953.10				
Client ID :	A4B26							
P2710-05	A4B26	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
P2710-05	A4B26	Solid	1-Methylnaphthalene	2.100	J	0.59	3.8	ug/Kg
P2710-05	A4B26	Solid	2-Methylnaphthalene	2.200	J	0.22	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-05	A4B26	Solid	Acenaphthene	10.000		0.21	3.8	ug/Kg
P2710-05	A4B26	Solid	Acenaphthylene	6.700		0.38	3.8	ug/Kg
P2710-05	A4B26	Solid	Anthracene	26.000		0.19	3.8	ug/Kg
P2710-05	A4B26	Solid	Benzo(a)anthracene	67.000	E	0.11	3.8	ug/Kg
P2710-05	A4B26	Solid	Benzo(a)pyrene	62.000	E	0.36	3.8	ug/Kg
P2710-05	A4B26	Solid	Benzo(b)fluoranthene	81.000	E	0.54	3.8	ug/Kg
P2710-05	A4B26	Solid	Benzo(g,h,i)perylene	33.000		0.86	3.8	ug/Kg
P2710-05	A4B26	Solid	Benzo(k)fluoranthene	23.000		0.36	3.8	ug/Kg
P2710-05	A4B26	Solid	Chrysene	60.000		0.29	3.8	ug/Kg
P2710-05	A4B26	Solid	Dibenzo(a,h)anthracene	8.500		0.54	3.8	ug/Kg
P2710-05	A4B26	Solid	Fluoranthene	140.000	E	0.21	3.8	ug/Kg
P2710-05	A4B26	Solid	Fluorene	9.900		0.25	3.8	ug/Kg
P2710-05	A4B26	Solid	Indeno(1,2,3-cd)pyrene	28.000		0.59	3.8	ug/Kg
P2710-05	A4B26	Solid	Naphthalene	3.000	J	0.23	3.8	ug/Kg
P2710-05	A4B26	Solid	Phenanthrene	120.000	E	0.21	3.8	ug/Kg
P2710-05	A4B26	Solid	Pyrene	140.000	E	0.27	3.8	ug/Kg
Total Svoc :				822.40				
Total Concentration:				822.40				

Client ID : A4B27

P2710-06	A4B27	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P2710-06	A4B27	Solid	1-Methylnaphthalene		3.900	0.6	3.8	ug/Kg
P2710-06	A4B27	Solid	2-Methylnaphthalene	J	3.700	0.22	3.8	ug/Kg
P2710-06	A4B27	Solid	Acenaphthene		13.000	0.21	3.8	ug/Kg
P2710-06	A4B27	Solid	Acenaphthylene		5.000	0.38	3.8	ug/Kg
P2710-06	A4B27	Solid	Anthracene		31.000	0.19	3.8	ug/Kg
P2710-06	A4B27	Solid	Benzo(a)anthracene	E	73.000	0.11	3.8	ug/Kg
P2710-06	A4B27	Solid	Benzo(a)pyrene	E	75.000	0.37	3.8	ug/Kg
P2710-06	A4B27	Solid	Benzo(b)fluoranthene	E	88.000	0.54	3.8	ug/Kg
P2710-06	A4B27	Solid	Benzo(g,h,i)perylene		40.000	0.86	3.8	ug/Kg
P2710-06	A4B27	Solid	Benzo(k)fluoranthene		32.000	0.37	3.8	ug/Kg
P2710-06	A4B27	Solid	Chrysene	E	67.000	0.29	3.8	ug/Kg
P2710-06	A4B27	Solid	Dibenzo(a,h)anthracene		9.800	0.54	3.8	ug/Kg
P2710-06	A4B27	Solid	Fluoranthene	E	150.000	0.21	3.8	ug/Kg
P2710-06	A4B27	Solid	Fluorene		12.000	0.25	3.8	ug/Kg
P2710-06	A4B27	Solid	Indeno(1,2,3-cd)pyrene		32.000	0.6	3.8	ug/Kg
P2710-06	A4B27	Solid	Naphthalene		4.900	0.23	3.8	ug/Kg
P2710-06	A4B27	Solid	Phenanthrene	E	160.000	0.21	3.8	ug/Kg
P2710-06	A4B27	Solid	Pyrene	E	160.000	0.27	3.8	ug/Kg
Total Svoc :				960.30				

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	960.30				
Client ID :	A4B27DL							
P2710-06DL	A4B27DL	Solid	Total Alkanes	*	0.000	D 5.1	38	ug/Kg
			Total Tics :	0.00				
P2710-06DL	A4B27DL	Solid	1-Methylnaphthalene		4.400	JD 3	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Acenaphthene		14.000	JD 1	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Acenaphthylene		5.900	JD 1.9	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Anthracene		33.000	D 0.97	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Benzo(a)anthracene		75.000	D 0.53	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Benzo(a)pyrene		74.000	D 1.8	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Benzo(b)fluoranthene		91.000	D 2.7	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Benzo(g,h,i)perylene		39.000	D 4.3	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Benzo(k)fluoranthene		26.000	D 1.8	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Chrysene		67.000	D 1.4	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Dibenzo(a,h)anthracene		9.700	JD 2.7	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Fluoranthene		160.000	D 1	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Fluorene		12.000	JD 1.3	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Indeno(1,2,3-cd)pyrene		31.000	D 3	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Naphthalene		5.500	JD 1.1	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Phenanthrene		170.000	D 1	19	ug/Kg
P2710-06DL	A4B27DL	Solid	Pyrene		170.000	D 1.4	19	ug/Kg
			Total Svoc :	987.50				
			Total Concentration:	987.50				
Client ID :	A4BL4							
P2710-07	A4BL4	Solid	Total Alkanes	*	0.000	1.5	12	ug/Kg
			Total Tics :	0.00				
P2710-07	A4BL4	Solid	1-Methylnaphthalene		4.700	J 0.9	5.7	ug/Kg
P2710-07	A4BL4	Solid	2-Methylnaphthalene		6.000	0.33	5.7	ug/Kg
P2710-07	A4BL4	Solid	Acenaphthene		21.000	0.31	5.7	ug/Kg
P2710-07	A4BL4	Solid	Acenaphthylene		29.000	0.57	5.7	ug/Kg
P2710-07	A4BL4	Solid	Anthracene		85.000	0.29	5.7	ug/Kg
P2710-07	A4BL4	Solid	Benzo(a)anthracene		350.000	E 0.16	5.7	ug/Kg
P2710-07	A4BL4	Solid	Benzo(a)pyrene		210.000	E 0.55	5.7	ug/Kg
P2710-07	A4BL4	Solid	Benzo(b)fluoranthene		580.000	E 0.81	5.7	ug/Kg
P2710-07	A4BL4	Solid	Benzo(g,h,i)perylene		23.000	1.3	5.7	ug/Kg
P2710-07	A4BL4	Solid	Benzo(k)fluoranthene		170.000	E 0.55	5.7	ug/Kg
P2710-07	A4BL4	Solid	Chrysene		310.000	E 0.43	5.7	ug/Kg
P2710-07	A4BL4	Solid	Dibenzo(a,h)anthracene		58.000	0.81	5.7	ug/Kg
P2710-07	A4BL4	Solid	Fluoranthene		740.000	E 0.31	5.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-07	A4BL4	Solid	Fluorene	24.000		0.38	5.7	ug/Kg
P2710-07	A4BL4	Solid	Indeno(1,2,3-cd)pyrene	140.000	E	0.9	5.7	ug/Kg
P2710-07	A4BL4	Solid	Naphthalene	11.000		0.35	5.7	ug/Kg
P2710-07	A4BL4	Solid	Phenanthrene	350.000	E	0.31	5.7	ug/Kg
P2710-07	A4BL4	Solid	Pyrene	470.000	E	0.42	5.7	ug/Kg
Total Svoc :				3,581.70				
Total Concentration:				3,581.70				
Client ID : A4BL4DL								
P2710-07DL	A4BL4DL	Solid	Total Alkanes	*	0.000	D 7.7	58	ug/Kg
Total Tics :				0.00				
P2710-07DL	A4BL4DL	Solid	2-Methylnaphthalene	6.100	JD	1.6	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Acenaphthene	23.000	JD	1.6	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Acenaphthylene	33.000	D	2.9	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Anthracene	91.000	D	1.5	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Benzo(a)anthracene	330.000	D	0.8	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Benzo(a)pyrene	220.000	D	2.8	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Benzo(b)fluoranthene	590.000	ED	4.1	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Benzo(g,h,i)perylene	26.000	JD	6.5	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Benzo(k)fluoranthene	160.000	D	2.8	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Chrysene	320.000	D	2.2	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Dibenzo(a,h)anthracene	59.000	D	4.1	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Fluoranthene	750.000	ED	1.6	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Fluorene	24.000	JD	1.9	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Indeno(1,2,3-cd)pyrene	150.000	D	4.5	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Naphthalene	12.000	JD	1.7	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Phenanthrene	390.000	D	1.6	29	ug/Kg
P2710-07DL	A4BL4DL	Solid	Pyrene	510.000	ED	2.1	29	ug/Kg
Total Svoc :				3,694.10				
Total Concentration:				3,694.10				
Client ID : A4BL7								
P2710-08	A4BL7	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P2710-08	A4BL7	Solid	1-Methylnaphthalene	2.500	J	0.81	5.1	ug/Kg
P2710-08	A4BL7	Solid	2-Methylnaphthalene	3.100	J	0.3	5.1	ug/Kg
P2710-08	A4BL7	Solid	Acenaphthene	12.000		0.28	5.1	ug/Kg
P2710-08	A4BL7	Solid	Acenaphthylene	24.000		0.51	5.1	ug/Kg
P2710-08	A4BL7	Solid	Anthracene	62.000		0.26	5.1	ug/Kg
P2710-08	A4BL7	Solid	Benzo(a)anthracene	270.000	E	0.14	5.1	ug/Kg
P2710-08	A4BL7	Solid	Benzo(a)pyrene	150.000	E	0.5	5.1	ug/Kg
P2710-08	A4BL7	Solid	Benzo(b)fluoranthene	390.000	E	0.73	5.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-08	A4BL7	Solid	Benzo(g,h,i)perylene	17.000		1.2	5.1	ug/Kg
P2710-08	A4BL7	Solid	Benzo(k)fluoranthene	140.000	E	0.5	5.1	ug/Kg
P2710-08	A4BL7	Solid	Chrysene	230.000	E	0.39	5.1	ug/Kg
P2710-08	A4BL7	Solid	Dibenzo(a,h)anthracene	42.000		0.73	5.1	ug/Kg
P2710-08	A4BL7	Solid	Fluoranthene	560.000	E	0.28	5.1	ug/Kg
P2710-08	A4BL7	Solid	Fluorene	15.000		0.34	5.1	ug/Kg
P2710-08	A4BL7	Solid	Indeno(1,2,3-cd)pyrene	98.000	E	0.81	5.1	ug/Kg
P2710-08	A4BL7	Solid	Naphthalene	5.500		0.31	5.1	ug/Kg
P2710-08	A4BL7	Solid	Phenanthrene	230.000	E	0.28	5.1	ug/Kg
P2710-08	A4BL7	Solid	Pyrene	340.000	E	0.37	5.1	ug/Kg
Total Svoc :				2,591.10				
Total Concentration:				2,591.10				
Client ID :	A4BL7DL							
P2710-08DL	A4BL7DL	Solid	Total Alkanes	*	0.000	D 6.9	52	ug/Kg
Total Tics :				0.00				
P2710-08DL	A4BL7DL	Solid	Acenaphthene	15.000	JD	1.4	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Acenaphthylene	30.000	D	2.6	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Anthracene	74.000	D	1.3	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Benzo(a)anthracene	320.000	D	0.72	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Benzo(a)pyrene	170.000	D	2.5	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Benzo(b)fluoranthene	450.000	ED	3.7	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Benzo(g,h,i)perylene	19.000	JD	5.8	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Benzo(k)fluoranthene	140.000	D	2.5	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Chrysene	250.000	D	1.9	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Dibenzo(a,h)anthracene	45.000	D	3.7	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Fluoranthene	640.000	ED	1.4	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Fluorene	17.000	JD	1.7	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Indeno(1,2,3-cd)pyrene	110.000	D	4	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Naphthalene	7.000	JD	1.6	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Phenanthrene	270.000	D	1.4	26	ug/Kg
P2710-08DL	A4BL7DL	Solid	Pyrene	420.000	ED	1.9	26	ug/Kg
Total Svoc :				2,977.00				
Total Concentration:				2,977.00				
Client ID :	A4BL8							
P2710-09	A4BL8	Solid	Total Alkanes	*	0.000	1.4	11	ug/Kg
Total Tics :				0.00				
P2710-09	A4BL8	Solid	Acenaphthene	3.600	J	0.29	5.2	ug/Kg
P2710-09	A4BL8	Solid	Acenaphthylene	3.300	J	0.52	5.2	ug/Kg
P2710-09	A4BL8	Solid	Anthracene	13.000		0.27	5.2	ug/Kg
P2710-09	A4BL8	Solid	Benzo(a)anthracene	32.000		0.15	5.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-09	A4BL8	Solid	Benzo(a)pyrene	35.000		0.51	5.2	ug/Kg
P2710-09	A4BL8	Solid	Benzo(b)fluoranthene	47.000		0.75	5.2	ug/Kg
P2710-09	A4BL8	Solid	Benzo(g,h,i)perylene	20.000		1.2	5.2	ug/Kg
P2710-09	A4BL8	Solid	Benzo(k)fluoranthene	17.000		0.51	5.2	ug/Kg
P2710-09	A4BL8	Solid	Chrysene	25.000		0.4	5.2	ug/Kg
P2710-09	A4BL8	Solid	Dibenzo(a,h)anthracene	5.100	J	0.75	5.2	ug/Kg
P2710-09	A4BL8	Solid	Fluoranthene	68.000		0.29	5.2	ug/Kg
P2710-09	A4BL8	Solid	Fluorene	4.200	J	0.35	5.2	ug/Kg
P2710-09	A4BL8	Solid	Indeno(1,2,3-cd)pyrene	17.000		0.83	5.2	ug/Kg
P2710-09	A4BL8	Solid	Naphthalene	1.300	J	0.32	5.2	ug/Kg
P2710-09	A4BL8	Solid	Phenanthrene	45.000		0.29	5.2	ug/Kg
P2710-09	A4BL8	Solid	Pyrene	55.000		0.38	5.2	ug/Kg
Total Svoc :				391.50				
Total Concentration:				391.50				

Client ID : A4BL9

P2710-10	A4BL9	Solid	Total Alkanes	*	0.000	0.92	6.9	ug/Kg
Total Tics :				0.00				
P2710-10	A4BL9	Solid	Acenaphthene		0.690	J 0.19	3.4	ug/Kg
P2710-10	A4BL9	Solid	Acenaphthylene		2.100	J 0.34	3.4	ug/Kg
P2710-10	A4BL9	Solid	Anthracene		3.600	0.17	3.4	ug/Kg
P2710-10	A4BL9	Solid	Benzo(a)anthracene		12.000	0.1	3.4	ug/Kg
P2710-10	A4BL9	Solid	Benzo(a)pyrene		14.000	0.33	3.4	ug/Kg
P2710-10	A4BL9	Solid	Benzo(b)fluoranthene		19.000	0.48	3.4	ug/Kg
P2710-10	A4BL9	Solid	Benzo(g,h,i)perylene		9.100	0.77	3.4	ug/Kg
P2710-10	A4BL9	Solid	Benzo(k)fluoranthene		7.200	0.33	3.4	ug/Kg
P2710-10	A4BL9	Solid	Chrysene		9.800	0.26	3.4	ug/Kg
P2710-10	A4BL9	Solid	Dibenzo(a,h)anthracene		2.100	J 0.48	3.4	ug/Kg
P2710-10	A4BL9	Solid	Fluoranthene		23.000	0.19	3.4	ug/Kg
P2710-10	A4BL9	Solid	Fluorene		0.890	J 0.23	3.4	ug/Kg
P2710-10	A4BL9	Solid	Indeno(1,2,3-cd)pyrene		7.300	0.53	3.4	ug/Kg
P2710-10	A4BL9	Solid	Phenanthrene		11.000	0.19	3.4	ug/Kg
P2710-10	A4BL9	Solid	Pyrene		20.000	0.25	3.4	ug/Kg
Total Svoc :				141.78				
Total Concentration:				141.78				

Client ID : A4BM0

P2710-11	A4BM0	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
Total Tics :				0.00				
P2710-11	A4BM0	Solid	2-Methylnaphthalene		0.900	J 0.24	4.2	ug/Kg
P2710-11	A4BM0	Solid	Acenaphthene		2.600	J 0.23	4.2	ug/Kg
P2710-11	A4BM0	Solid	Acenaphthylene		6.000	0.42	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-11	A4BM0	Solid	Anthracene	11.000		0.22	4.2	ug/Kg
P2710-11	A4BM0	Solid	Benzo(a)anthracene	33.000		0.12	4.2	ug/Kg
P2710-11	A4BM0	Solid	Benzo(a)pyrene	42.000		0.41	4.2	ug/Kg
P2710-11	A4BM0	Solid	Benzo(b)fluoranthene	61.000		0.6	4.2	ug/Kg
P2710-11	A4BM0	Solid	Benzo(g,h,i)perylene	27.000		0.96	4.2	ug/Kg
P2710-11	A4BM0	Solid	Benzo(k)fluoranthene	18.000		0.41	4.2	ug/Kg
P2710-11	A4BM0	Solid	Chrysene	29.000		0.32	4.2	ug/Kg
P2710-11	A4BM0	Solid	Dibenzo(a,h)anthracene	6.600		0.6	4.2	ug/Kg
P2710-11	A4BM0	Solid	Fluoranthene	67.000		0.23	4.2	ug/Kg
P2710-11	A4BM0	Solid	Fluorene	2.800	J	0.28	4.2	ug/Kg
P2710-11	A4BM0	Solid	Indeno(1,2,3-cd)pyrene	23.000		0.67	4.2	ug/Kg
P2710-11	A4BM0	Solid	Naphthalene	1.600	J	0.26	4.2	ug/Kg
P2710-11	A4BM0	Solid	Phenanthrene	36.000		0.23	4.2	ug/Kg
P2710-11	A4BM0	Solid	Pyrene	55.000		0.31	4.2	ug/Kg

Total Svoc :

422.50

Total Concentration:

422.50

Client ID : A4BM1

P2710-12	A4BM1	Solid	Total Alkanes	*	0.000	0.94	7.1	ug/Kg
Total Tics :					0.00			
P2710-12	A4BM1	Solid	Acenaphthene		6.600	0.19	3.5	ug/Kg
P2710-12	A4BM1	Solid	Acenaphthylene		3.000	J 0.35	3.5	ug/Kg
P2710-12	A4BM1	Solid	Anthracene		52.000	0.18	3.5	ug/Kg
P2710-12	A4BM1	Solid	Benzo(a)anthracene		120.000	E 0.1	3.5	ug/Kg
P2710-12	A4BM1	Solid	Benzo(a)pyrene		88.000	E 0.34	3.5	ug/Kg
P2710-12	A4BM1	Solid	Benzo(b)fluoranthene		100.000	E 0.5	3.5	ug/Kg
P2710-12	A4BM1	Solid	Benzo(g,h,i)perylene		34.000	0.79	3.5	ug/Kg
P2710-12	A4BM1	Solid	Benzo(k)fluoranthene		31.000	0.34	3.5	ug/Kg
P2710-12	A4BM1	Solid	Chrysene		93.000	E 0.26	3.5	ug/Kg
P2710-12	A4BM1	Solid	Dibenzo(a,h)anthracene		11.000	0.5	3.5	ug/Kg
P2710-12	A4BM1	Solid	Fluoranthene		190.000	E 0.19	3.5	ug/Kg
P2710-12	A4BM1	Solid	Fluorene		8.100	0.23	3.5	ug/Kg
P2710-12	A4BM1	Solid	Indeno(1,2,3-cd)pyrene		32.000	0.55	3.5	ug/Kg
P2710-12	A4BM1	Solid	Naphthalene		0.740	J 0.21	3.5	ug/Kg
P2710-12	A4BM1	Solid	Phenanthrene		140.000	E 0.19	3.5	ug/Kg
P2710-12	A4BM1	Solid	Pyrene		180.000	E 0.25	3.5	ug/Kg

Total Svoc :

1,089.44

Total Concentration:

1,089.44

Client ID : A4BM3

P2710-13	A4BM3	Solid	Total Alkanes	*	0.000	1.9	15	ug/Kg
Total Tics :					0.00			

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-13	A4BM3	Solid	1-Methylnaphthalene	3.500	J	1.1	7.2	ug/Kg
P2710-13	A4BM3	Solid	2-Methylnaphthalene	4.300	J	0.41	7.2	ug/Kg
P2710-13	A4BM3	Solid	Acenaphthene	22.000		0.39	7.2	ug/Kg
P2710-13	A4BM3	Solid	Acenaphthylene	17.000		0.72	7.2	ug/Kg
P2710-13	A4BM3	Solid	Anthracene	84.000		0.37	7.2	ug/Kg
P2710-13	A4BM3	Solid	Benzo(a)anthracene	280.000	E	0.2	7.2	ug/Kg
P2710-13	A4BM3	Solid	Benzo(a)pyrene	160.000	E	0.69	7.2	ug/Kg
P2710-13	A4BM3	Solid	Benzo(b)fluoranthene	410.000	E	1	7.2	ug/Kg
P2710-13	A4BM3	Solid	Benzo(g,h,i)perylene	17.000		1.6	7.2	ug/Kg
P2710-13	A4BM3	Solid	Benzo(k)fluoranthene	130.000	E	0.69	7.2	ug/Kg
P2710-13	A4BM3	Solid	Chrysene	230.000	E	0.54	7.2	ug/Kg
P2710-13	A4BM3	Solid	Dibenzo(a,h)anthracene	42.000		1	7.2	ug/Kg
P2710-13	A4BM3	Solid	Fluoranthene	560.000	E	0.39	7.2	ug/Kg
P2710-13	A4BM3	Solid	Fluorene	24.000		0.48	7.2	ug/Kg
P2710-13	A4BM3	Solid	Indeno(1,2,3-cd)pyrene	100.000		1.1	7.2	ug/Kg
P2710-13	A4BM3	Solid	Naphthalene	6.800	J	0.43	7.2	ug/Kg
P2710-13	A4BM3	Solid	Phenanthrene	310.000	E	0.39	7.2	ug/Kg
P2710-13	A4BM3	Solid	Pyrene	350.000	E	0.52	7.2	ug/Kg

Total Svoc :

2,750.60

Total Concentration:

2,750.60

Client ID : A4BM3DL

P2710-13DL	A4BM3DL	Solid	Total Alkanes	*	0.000	D	9.7	73	ug/Kg
Total Tics :					0.00				
P2710-13DL	A4BM3DL	Solid	Acenaphthene		24.000	JD	2	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Acenaphthylene		21.000	JD	3.6	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Anthracene		94.000	D	1.8	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Benzo(a)anthracene		310.000	D	1	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Benzo(a)pyrene		97.000	D	3.5	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Benzo(b)fluoranthene		430.000	D	5.1	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Benzo(g,h,i)perylene		20.000	JD	8.1	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Benzo(k)fluoranthene		140.000	D	3.5	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Chrysene		230.000	D	2.7	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Dibenzo(a,h)anthracene		42.000	D	5.1	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Fluoranthene		600.000	ED	2	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Fluorene		25.000	JD	2.4	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Indeno(1,2,3-cd)pyrene		110.000	D	5.6	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Naphthalene		8.000	JD	2.2	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Phenanthrene		350.000	D	2	36	ug/Kg
P2710-13DL	A4BM3DL	Solid	Pyrene		400.000	D	2.6	36	ug/Kg

Total Svoc :

2,901.00

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	2,901.00				
Client ID :	A4BM4							
P2710-14	A4BM4	Solid	Total Alkanes	*	0.000	0.94	7.1	ug/Kg
			Total Tics :	0.00				
P2710-14	A4BM4	Solid	Acenaphthene		0.740	J 0.19	3.5	ug/Kg
P2710-14	A4BM4	Solid	Acenaphthylene		2.500	J 0.35	3.5	ug/Kg
P2710-14	A4BM4	Solid	Anthracene		3.700	0.18	3.5	ug/Kg
P2710-14	A4BM4	Solid	Benzo(a)anthracene		12.000	0.1	3.5	ug/Kg
P2710-14	A4BM4	Solid	Benzo(a)pyrene		14.000	0.34	3.5	ug/Kg
P2710-14	A4BM4	Solid	Benzo(b)fluoranthene		21.000	0.5	3.5	ug/Kg
P2710-14	A4BM4	Solid	Benzo(g,h,i)perylene		9.700	0.79	3.5	ug/Kg
P2710-14	A4BM4	Solid	Benzo(k)fluoranthene		6.100	0.34	3.5	ug/Kg
P2710-14	A4BM4	Solid	Chrysene		10.000	0.26	3.5	ug/Kg
P2710-14	A4BM4	Solid	Dibenzo(a,h)anthracene		2.300	J 0.5	3.5	ug/Kg
P2710-14	A4BM4	Solid	Fluoranthene		22.000	0.19	3.5	ug/Kg
P2710-14	A4BM4	Solid	Fluorene		0.990	J 0.23	3.5	ug/Kg
P2710-14	A4BM4	Solid	Indeno(1,2,3-cd)pyrene		7.600	0.55	3.5	ug/Kg
P2710-14	A4BM4	Solid	Naphthalene		0.920	J 0.21	3.5	ug/Kg
P2710-14	A4BM4	Solid	Phenanthrene		12.000	0.19	3.5	ug/Kg
P2710-14	A4BM4	Solid	Pyrene		19.000	0.25	3.5	ug/Kg
			Total Svoc :	144.55				
			Total Concentration:	144.55				
Client ID :	A4BM9							
P2710-15	A4BM9	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
			Total Tics :	0.00				
P2710-15	A4BM9	Solid	Acenaphthene		2.000	J 0.24	4.4	ug/Kg
P2710-15	A4BM9	Solid	Acenaphthylene		5.600	0.44	4.4	ug/Kg
P2710-15	A4BM9	Solid	Anthracene		8.100	0.23	4.4	ug/Kg
P2710-15	A4BM9	Solid	Benzo(a)anthracene		28.000	0.12	4.4	ug/Kg
P2710-15	A4BM9	Solid	Benzo(a)pyrene		30.000	0.43	4.4	ug/Kg
P2710-15	A4BM9	Solid	Benzo(b)fluoranthene		41.000	0.63	4.4	ug/Kg
P2710-15	A4BM9	Solid	Benzo(g,h,i)perylene		19.000	1	4.4	ug/Kg
P2710-15	A4BM9	Solid	Benzo(k)fluoranthene		13.000	0.43	4.4	ug/Kg
P2710-15	A4BM9	Solid	Chrysene		21.000	0.33	4.4	ug/Kg
P2710-15	A4BM9	Solid	Dibenzo(a,h)anthracene		4.600	0.63	4.4	ug/Kg
P2710-15	A4BM9	Solid	Fluoranthene		49.000	0.24	4.4	ug/Kg
P2710-15	A4BM9	Solid	Fluorene		2.500	J 0.29	4.4	ug/Kg
P2710-15	A4BM9	Solid	Indeno(1,2,3-cd)pyrene		16.000	0.69	4.4	ug/Kg
P2710-15	A4BM9	Solid	Naphthalene		1.300	J 0.27	4.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-15	A4BM9	Solid	Phenanthrene	28.000		0.24	4.4	ug/Kg
P2710-15	A4BM9	Solid	Pyrene	42.000		0.32	4.4	ug/Kg
Total Svoc :				311.10				
Total Concentration:				311.10				
Client ID : A4BN0								
P2710-16	A4BN0	Solid	Total Alkanes	*	0.000	1.9	14	ug/Kg
Total Tics :				0.00				
P2710-16	A4BN0	Solid	1-Methylnaphthalene	2.100	J	1.1	6.9	ug/Kg
P2710-16	A4BN0	Solid	2-Methylnaphthalene	2.800	J	0.4	6.9	ug/Kg
P2710-16	A4BN0	Solid	Acenaphthene	11.000		0.38	6.9	ug/Kg
P2710-16	A4BN0	Solid	Acenaphthylene	17.000		0.69	6.9	ug/Kg
P2710-16	A4BN0	Solid	Anthracene	56.000		0.35	6.9	ug/Kg
P2710-16	A4BN0	Solid	Benzo(a)anthracene	200.000	E	0.19	6.9	ug/Kg
P2710-16	A4BN0	Solid	Benzo(a)pyrene	120.000	E	0.67	6.9	ug/Kg
P2710-16	A4BN0	Solid	Benzo(b)fluoranthene	340.000	E	0.98	6.9	ug/Kg
P2710-16	A4BN0	Solid	Benzo(g,h,i)perylene	13.000		1.6	6.9	ug/Kg
P2710-16	A4BN0	Solid	Benzo(k)fluoranthene	110.000		0.67	6.9	ug/Kg
P2710-16	A4BN0	Solid	Chrysene	200.000	E	0.52	6.9	ug/Kg
P2710-16	A4BN0	Solid	Dibenzo(a,h)anthracene	33.000		0.98	6.9	ug/Kg
P2710-16	A4BN0	Solid	Fluoranthene	450.000	E	0.38	6.9	ug/Kg
P2710-16	A4BN0	Solid	Fluorene	14.000		0.46	6.9	ug/Kg
P2710-16	A4BN0	Solid	Indeno(1,2,3-cd)pyrene	81.000		1.1	6.9	ug/Kg
P2710-16	A4BN0	Solid	Naphthalene	6.000	J	0.42	6.9	ug/Kg
P2710-16	A4BN0	Solid	Phenanthrene	190.000	E	0.38	6.9	ug/Kg
P2710-16	A4BN0	Solid	Pyrene	270.000	E	0.5	6.9	ug/Kg
Total Svoc :				2,115.90				
Total Concentration:				2,115.90				
Client ID : A4BN0DL								
P2710-16DL	A4BN0DL	Solid	Total Alkanes	*	0.000	D 9.3	70	ug/Kg
Total Tics :				0.00				
P2710-16DL	A4BN0DL	Solid	Acenaphthene	14.000	JD	1.9	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Acenaphthylene	23.000	JD	3.4	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Anthracene	68.000	D	1.8	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Benzo(a)anthracene	230.000	D	0.97	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Benzo(a)pyrene	140.000	D	3.3	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Benzo(b)fluoranthene	390.000	D	4.9	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Benzo(g,h,i)perylene	16.000	JD	7.8	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Benzo(k)fluoranthene	140.000	D	3.3	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Chrysene	230.000	D	2.6	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Dibenzo(a,h)anthracene	38.000	D	4.9	34	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-16DL	A4BN0DL	Solid	Fluoranthene	520.000	D	1.9	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Fluorene	17.000	JD	2.3	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Indeno(1,2,3-cd)pyrene	95.000	D	5.4	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Naphthalene	7.300	JD	2.1	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Phenanthrene	240.000	D	1.9	34	ug/Kg
P2710-16DL	A4BN0DL	Solid	Pyrene	340.000	D	2.5	34	ug/Kg
Total Svoc :				2,508.30				
Total Concentration:				2,508.30				
Client ID : A4B87								
P2710-21	A4B87	Solid	Total Alkanes	*	0.000	1.3	10	ug/Kg
Total Tics :				0.00				
P2710-21	A4B87	Solid	1-Methylnaphthalene	53.000		0.78	4.9	ug/Kg
P2710-21	A4B87	Solid	2-Methylnaphthalene	64.000		0.28	4.9	ug/Kg
P2710-21	A4B87	Solid	Acenaphthene	210.000	E	0.27	4.9	ug/Kg
P2710-21	A4B87	Solid	Acenaphthylene	110.000	E	0.49	4.9	ug/Kg
P2710-21	A4B87	Solid	Anthracene	630.000	E	0.25	4.9	ug/Kg
P2710-21	A4B87	Solid	Benzo(a)anthracene	1,800.000	E	0.14	4.9	ug/Kg
P2710-21	A4B87	Solid	Benzo(a)pyrene	670.000	E	0.48	4.9	ug/Kg
P2710-21	A4B87	Solid	Benzo(b)fluoranthene	1,600.000	E	0.7	4.9	ug/Kg
P2710-21	A4B87	Solid	Benzo(g,h,i)perylene	60.000		1.1	4.9	ug/Kg
P2710-21	A4B87	Solid	Benzo(k)fluoranthene	500.000	E	0.48	4.9	ug/Kg
P2710-21	A4B87	Solid	Chrysene	1,400.000	E	0.37	4.9	ug/Kg
P2710-21	A4B87	Solid	Dibenzo(a,h)anthracene	170.000	E	0.7	4.9	ug/Kg
P2710-21	A4B87	Solid	Fluoranthene	3,900.000	E	0.27	4.9	ug/Kg
P2710-21	A4B87	Solid	Fluorene	270.000	E	0.33	4.9	ug/Kg
P2710-21	A4B87	Solid	Indeno(1,2,3-cd)pyrene	370.000	E	0.78	4.9	ug/Kg
P2710-21	A4B87	Solid	Naphthalene	95.000	E	0.3	4.9	ug/Kg
P2710-21	A4B87	Solid	Phenanthrene	2,600.000	E	0.27	4.9	ug/Kg
P2710-21	A4B87	Solid	Pyrene	2,400.000	E	0.36	4.9	ug/Kg
Total Svoc :				16,902.00				
Total Concentration:				16,902.00				
Client ID : A4B88								
P2710-24	A4B88	Solid	Total Alkanes	*	0.000	1.3	9.8	ug/Kg
Total Tics :				0.00				
P2710-24	A4B88	Solid	1-Methylnaphthalene	2.300	J	0.76	4.8	ug/Kg
P2710-24	A4B88	Solid	2-Methylnaphthalene	2.800	J	0.28	4.8	ug/Kg
P2710-24	A4B88	Solid	Acenaphthene	8.200		0.26	4.8	ug/Kg
P2710-24	A4B88	Solid	Acenaphthylene	9.100		0.48	4.8	ug/Kg
P2710-24	A4B88	Solid	Anthracene	42.000		0.25	4.8	ug/Kg
P2710-24	A4B88	Solid	Benzo(a)anthracene	110.000	E	0.14	4.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-24	A4B88	Solid	Benzo(a)pyrene	100.000	E	0.47	4.8	ug/Kg
P2710-24	A4B88	Solid	Benzo(b)fluoranthene	140.000	E	0.69	4.8	ug/Kg
P2710-24	A4B88	Solid	Benzo(g,h,i)perylene	54.000		1.1	4.8	ug/Kg
P2710-24	A4B88	Solid	Benzo(k)fluoranthene	43.000		0.47	4.8	ug/Kg
P2710-24	A4B88	Solid	Chrysene	92.000	E	0.36	4.8	ug/Kg
P2710-24	A4B88	Solid	Dibenzo(a,h)anthracene	15.000		0.69	4.8	ug/Kg
P2710-24	A4B88	Solid	Fluoranthene	240.000	E	0.26	4.8	ug/Kg
P2710-24	A4B88	Solid	Fluorene	12.000		0.32	4.8	ug/Kg
P2710-24	A4B88	Solid	Indeno(1,2,3-cd)pyrene	48.000		0.76	4.8	ug/Kg
P2710-24	A4B88	Solid	Naphthalene	4.200	J	0.29	4.8	ug/Kg
P2710-24	A4B88	Solid	Phenanthrene	170.000	E	0.26	4.8	ug/Kg
P2710-24	A4B88	Solid	Pyrene	180.000	E	0.35	4.8	ug/Kg
Total Svoc :				1,272.60				
Total Concentration:				1,272.60				

Client ID : A4B89

P2710-25	A4B89	Solid	Total Alkanes	*	0.000	0.91	6.8	ug/Kg
Total Tics :				0.00				
P2710-25	A4B89	Solid	Acenaphthene		1.300	J	0.18	ug/Kg
P2710-25	A4B89	Solid	Acenaphthylene		1.100	J	0.34	ug/Kg
P2710-25	A4B89	Solid	Anthracene		4.500		0.17	ug/Kg
P2710-25	A4B89	Solid	Benzo(a)anthracene		13.000		0.09	ug/Kg
P2710-25	A4B89	Solid	Benzo(a)pyrene		13.000		0.33	ug/Kg
P2710-25	A4B89	Solid	Benzo(b)fluoranthene		18.000		0.48	ug/Kg
P2710-25	A4B89	Solid	Benzo(g,h,i)perylene		7.700		0.77	ug/Kg
P2710-25	A4B89	Solid	Benzo(k)fluoranthene		5.400		0.33	ug/Kg
P2710-25	A4B89	Solid	Chrysene		9.800		0.26	ug/Kg
P2710-25	A4B89	Solid	Dibenzo(a,h)anthracene		2.100	J	0.48	ug/Kg
P2710-25	A4B89	Solid	Fluoranthene		23.000		0.18	ug/Kg
P2710-25	A4B89	Solid	Fluorene		1.300	J	0.22	ug/Kg
P2710-25	A4B89	Solid	Indeno(1,2,3-cd)pyrene		6.300		0.53	ug/Kg
P2710-25	A4B89	Solid	Phenanthrene		14.000		0.18	ug/Kg
P2710-25	A4B89	Solid	Pyrene		20.000		0.24	ug/Kg
Total Svoc :				140.50				
Total Concentration:				140.50				



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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4017

Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046045.D

Time Analyzed: 09:35

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	SBLK391	2935	7.42	8192	10.19	4289	14.07
02	A4BJ4DL	2540	7.44	6655	10.24	3841	14.09
03	A4B20	2277	7.43	6485	10.20	3468	14.07
04	A4B27	2375	7.43	6669	10.20	3664	14.08
05	A4B24	2423	7.43	6909	10.21	3760	14.08
06	A4BM0	2315	7.43	6632	10.20	3600	14.08
07	A4BL4	2520	7.43	7281	10.20	3968	14.07
08	A4BL7	3089	7.42	9039	10.19	4854	14.07
09	A4BL8	2866	7.43	8386	10.21	4666	14.08
10	A4BL9	2655	7.43	7721	10.20	4203	14.08
11	A4BN0	2788	7.42	8201	10.19	4441	14.07
12	A4BM3	2551	7.43	7340	10.19	4012	14.07
13	SBLK389	4291	7.42	12529	10.19	6625	14.07
14	A4BM1	2339	7.43	6573	10.20	3692	14.08
15	A4B21	2307	7.43	6766	10.20	3697	14.08
16	A4B87	2535	7.42	7274	10.19	4239	14.07
17	A4B87MS	2481	7.44	7308	10.22	4197	14.08
18	A4B87MSD	2512	7.44	7176	10.22	4082	14.08
19	A4B26	3105	7.42	9030	10.19	4919	14.07
20	A4B23	2797	7.42	8001	10.19	4595	14.07
21	A4BM9	2802	7.42	8112	10.19	4423	14.07
22	A4B88	3090	7.42	8952	10.19	4897	14.07
23	A4B89	2603	7.42	7646	10.19	4175	14.07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 00:16

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	A4BM4	2548	7.42	7541	10.19	4119	14.07
25	SLCS389	2284	7.46	7245	10.25	4252	14.10
26	SBLK389	5 *	7.49	1 *	10.29	7 *	14.15
27	A4B20DL	2891	7.43	7931	10.23	4477	14.08
28	A4B27DL	3083	7.43	8659	10.22	4987	14.08
29	A4B24DL	2830	7.43	7698	10.23	4480	14.08
30	A4BL4DL	2852	7.43	7872	10.23	4435	14.08
31	A4BL7DL	3211	7.43	8953	10.22	5113	14.08
32	A4BN0DL	2983	7.43	8234	10.23	4710	14.08
33	A4BM3DL	2815	7.43	7893	10.22	4547	14.08

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4134 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046113.D Time Analyzed: 09:35

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	1922	7.472	6132	10.25	3470	14.10
UPPER LIMIT	3844	7.972	12264	10.749	6940	14.599
LOWER LIMIT	961	6.972	3066	9.749	1735	13.599
EPA SAMPLE NO.						
01 SBLK391	2935	7.42	8192	10.19	4289	14.07
02 A4BJ4DL	2540	7.44	6655	10.24	3841	14.09
03 A4B20	2277	7.43	6485	10.20	3468	14.07
04 A4B27	2375	7.43	6669	10.20	3664	14.08
05 A4B24	2423	7.43	6909	10.21	3760	14.08
06 A4BM0	2315	7.43	6632	10.20	3600	14.08
07 A4BL4	2520	7.43	7281	10.20	3968	14.07
08 A4BL7	3089	7.42	9039	10.19	4854	14.07
09 A4BL8	2866	7.43	8386	10.21	4666	14.08
10 A4BL9	2655	7.43	7721	10.20	4203	14.08
11 A4BN0	2788	7.42	8201	10.19	4441	14.07
12 A4BM3	2551	7.43	7340	10.19	4012	14.07

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4135 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046126.D Time Analyzed: 17:34

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	2697	7.463	8586	10.24	4845	14.10
UPPER LIMIT	5394	7.963	17172	10.743	9690	14.595
LOWER LIMIT	1348.5	6.963	4293	9.743	2422.5	13.595
EPA SAMPLE NO.						
01 SBLK389	4291	7.42	12529	10.19	6625	14.07
02 A4BM1	2339	7.43	6573	10.20	3692	14.08
03 A4B21	2307	7.43	6766	10.20	3697	14.08
04 A4B87	2535	7.42	7274	10.19	4239	14.07
05 A4B87MS	2481	7.44	7308	10.22	4197	14.08
06 A4B87MSD	2512	7.44	7176	10.22	4082	14.08
07 A4B26	3105	7.42	9030	10.19	4919	14.07
08 A4B23	2797	7.42	8001	10.19	4595	14.07
09 A4BM9	2802	7.42	8112	10.19	4423	14.07
10 A4B88	3090	7.42	8952	10.19	4897	14.07
11 A4B89	2603	7.42	7646	10.19	4175	14.07
12 A4BM4	2548	7.42	7541	10.19	4119	14.07
13 SLCS389	2284	7.46	7245	10.25	4252	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 LOWER 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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4136 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BM046140.D Time Analyzed: 02:42

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	2720	7.459	8397	10.24	4768	14.09
UPPER LIMIT	5440	7.959	16794	10.742	9536	14.594
LOWER LIMIT	1360	6.959	4198.5	9.742	2384	13.594
EPA SAMPLE NO.						
01 SBLK389	5 *	7.49	1 *	10.29	7 *	14.15
02 A4B20DL	2891	7.43	7931	10.23	4477	14.08
03 A4B27DL	3083	7.43	8659	10.22	4987	14.08
04 A4B24DL	2830	7.43	7698	10.23	4480	14.08
05 A4BL4DL	2852	7.43	7872	10.23	4435	14.08
06 A4BL7DL	3211	7.43	8953	10.22	5113	14.08
07 A4BN0DL	2983	7.43	8234	10.23	4710	14.08
08 A4BM3DL	2815	7.43	7893	10.22	4547	14.08

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 09:35

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	SBLK391	9003	16.82	6187	21.04	7269	23.12
02	A4BJ4DL	7464	16.83	6016	21.03	6945	23.12
03	A4B20	7633	16.82	5836	21.01	6794	23.11
04	A4B27	7930	16.82	6271	21.02	6634	23.11
05	A4B24	8170	16.82	6276	21.01	6908	23.11
06	A4BM0	7581	16.82	6146	21.02	6520	23.11
07	A4BL4	8762	16.82	6828	21.01	7770	23.11
08	A4BL7	10665	16.81	8295	21.01	9555	23.11
09	A4BL8	9473	16.82	7688	21.02	8009	23.12
10	A4BL9	8609	16.82	6742	21.02	7493	23.12
11	A4BN0	9477	16.82	7452	21.01	8493	23.11
12	A4BM3	8538	16.81	6824	21.01	7588	23.11
13	SBLK389	13963 *	16.82	10282	21.04	10954	23.11
14	A4BM1	7610	16.82	6440	21.02	7261	23.11
15	A4B21	7655	16.82	6052	21.02	6193	23.12
16	A4B87	9582	16.81	6384	21.01	10145	23.10
17	A4B87MS	9183	16.81	6546	21.01	10439	23.10
18	A4B87MSD	8719	16.81	7412	21.01	10587	23.10
19	A4B26	10276	16.82	8148	21.02	9313	23.11
20	A4B23	9660	16.81	6358	21.01	10954	23.11
21	A4BM9	9215	16.82	7614	21.02	8179	23.11

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 23:04

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	A4B88	10139	16.82	8056	21.02	9330	23.11
23	A4B89	8720	16.82	6944	21.02	7697	23.11
24	A4BM4	8515	16.82	6810	21.02	7310	23.11
25	SLCS389	8250	16.85	6760	21.03	9117	23.13
26	SBLK389	21 *	16.92	6 *	21.12	5 *	23.23
27	A4B20DL	9151	16.82	8095	21.02	9279	23.11
28	A4B27DL	9870	16.82	8026	21.02	9113	23.11
29	A4B24DL	8879	16.83	7364	21.02	8834	23.11
30	A4BL4DL	8866	16.82	7694	21.02	8986	23.11
31	A4BL7DL	10365	16.82	8882	21.02	10560	23.11
32	A4BN0DL	9431	16.83	7859	21.02	9204	23.11
33	A4BM3DL	9074	16.82	7688	21.02	8986	23.11

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4134 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046113.D Time Analyzed: 09:35

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	6468	16.858	5174	21.038	7869	23.127
	UPPER LIMIT	12936	17.358	10348	21.538	15738	23.627
	LOWER LIMIT	3234	16.358	2587	20.538	3934.5	22.627
	EPA SAMPLE NO.						
01	SBLK391	9003	16.82	6187	21.04	7269	23.12
02	A4BJ4DL	7464	16.83	6016	21.03	6945	23.12
03	A4B20	7633	16.82	5836	21.01	6794	23.11
04	A4B27	7930	16.82	6271	21.02	6634	23.11
05	A4B24	8170	16.82	6276	21.01	6908	23.11
06	A4BM0	7581	16.82	6146	21.02	6520	23.11
07	A4BL4	8762	16.82	6828	21.01	7770	23.11
08	A4BL7	10665	16.81	8295	21.01	9555	23.11
09	A4BL8	9473	16.82	7688	21.02	8009	23.12
10	A4BL9	8609	16.82	6742	21.02	7493	23.12
11	A4BN0	9477	16.82	7452	21.01	8493	23.11
12	A4BM3	8538	16.81	6824	21.01	7588	23.11

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4135 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BM046126.D Time Analyzed: 17:34

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	9387	16.85	7756	21.032	10575	23.124
	UPPER LIMIT	18774	17.35	15512	21.532	21150	23.624
	LOWER LIMIT	4693.5	16.35	3878	20.532	5287.5	22.624
	EPA SAMPLE NO.						
01	SBLK389	13963	16.82	10282	21.04	10954	23.11
02	A4BM1	7610	16.82	6440	21.02	7261	23.11
03	A4B21	7655	16.82	6052	21.02	6193	23.12
04	A4B87	9582	16.81	6384	21.01	10145	23.10
05	A4B87MS	9183	16.81	6546	21.01	10439	23.10
06	A4B87MSD	8719	16.81	7412	21.01	10587	23.10
07	A4B26	10276	16.82	8148	21.02	9313	23.11
08	A4B23	9660	16.81	6358	21.01	10954	23.11
09	A4BM9	9215	16.82	7614	21.02	8179	23.11
10	A4B88	10139	16.82	8056	21.02	9330	23.11
11	A4B89	8720	16.82	6944	21.02	7697	23.11
12	A4BM4	8515	16.82	6810	21.02	7310	23.11
13	SLCS389	8250	16.85	6760	21.03	9117	23.13

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.: BM062024 SAS No.: BM062024 SDG NO.: BM062024

EPA Sample No.: SSTD0.4136 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BM046140.D Time Analyzed: 02:42

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	9308	16.849	7508	21.029	10340	23.119
UPPER LIMIT	18616	17.349	15016	21.529	20680	23.619
LOWER LIMIT	4654	16.349	3754	20.529	5170	22.619
EPA SAMPLE NO.						
01 SBLK389	21 *	16.92	6 *	21.12	5 *	23.23
02 A4B20DL	9151	16.82	8095	21.02	9279	23.11
03 A4B27DL	9870	16.82	8026	21.02	9113	23.11
04 A4B24DL	8879	16.83	7364	21.02	8834	23.11
05 A4BL4DL	8866	16.82	7694	21.02	8986	23.11
06 A4BL7DL	10365	16.82	8882	21.02	10560	23.11
07 A4BN0DL	9431	16.83	7859	21.02	9204	23.11
08 A4BM3DL	9074	16.82	7688	21.02	8986	23.11

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.: BM062024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161389BS	1,4-Dioxane	66.7	46	ug/Kg	69				0	0	
	Naphthalene	13.3	11	ug/Kg	83				0	0	
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0	
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0	
	Acenaphthylene	13.3	11	ug/Kg	83				0	0	
	Acenaphthene	13.3	11	ug/Kg	83				0	0	
	Fluorene	13.3	10	ug/Kg	75				0	0	
	Pentachlorophenol	26.7	20	ug/Kg	75				0	0	
	Phenanthrene	13.3	10	ug/Kg	75				0	0	
	Anthracene	13.3	10	ug/Kg	75				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	11	ug/Kg	83				0	0	
	Chrysene	13.3	11	ug/Kg	83				0	0	
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0	
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0	
	Benzo(a)pyrene	13.3	12	ug/Kg	90				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	9.6	ug/Kg	72				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062024

SAS No.: BM062024 SDG NO.: BM062024

Lab File ID: BM046127.D

Lab Sample ID: PB161389BL

Instrument ID: BNA_M

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 17:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161389BS	PB161389BS	BM046139.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK391

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062024

SAS No.: BM062024 SDG NO.: BM062024

Lab File ID: BM046114.D

Lab Sample ID: PB161391BL

Instrument ID: BNA_M

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 09:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4B20	P2710-01	BM046116.D	06/20/2024
A4B27	P2710-06	BM046117.D	06/20/2024
A4B24	P2710-04	BM046118.D	06/20/2024
A4BM0	P2710-11	BM046119.D	06/20/2024
A4BL4	P2710-07	BM046120.D	06/20/2024
A4BL7	P2710-08	BM046121.D	06/20/2024
A4BL8	P2710-09	BM046122.D	06/20/2024
A4BL9	P2710-10	BM046123.D	06/20/2024
A4BN0	P2710-16	BM046124.D	06/20/2024
A4BM3	P2710-13	BM046125.D	06/20/2024
A4BM1	P2710-12	BM046128.D	06/20/2024
A4B21	P2710-02	BM046129.D	06/20/2024
A4B87	P2710-21	BM046130.D	06/20/2024
A4B87MS	P2710-22MS	BM046131.D	06/20/2024
A4B87MSD	P2710-23MSD	BM046132.D	06/20/2024
A4B26	P2710-05	BM046133.D	06/20/2024
A4B23	P2710-03	BM046134.D	06/20/2024
A4BM9	P2710-15	BM046135.D	06/20/2024
A4B88	P2710-24	BM046136.D	06/20/2024
A4B89	P2710-25	BM046137.D	06/20/2024
A4BM4	P2710-14	BM046138.D	06/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2710-22MS	Client Sample ID:	A4B87MS					DataFile:	BM046131.D		
1,4-Dioxane	99.9		58	ug/Kg	58				15	120	
Naphthalene	20	95	61	ug/Kg	-170				0	0	
1-Methylnaphthalene	20	53	43	ug/Kg	-50				0	0	
2-Methylnaphthalene	20	64	50	ug/Kg	-70				0	0	
Acenaphthylene	20	110	99	ug/Kg	-55				0	0	
Acenaphthene	20	210	140	ug/Kg	-350	*			31	137	
Fluorene	20	270	160	ug/Kg	-550				0	0	
Pentachlorophenol	40		24	ug/Kg	60				17	109	
Phenanthrene	20	2600	1600	ug/Kg	-5000				0	0	
Anthracene	20	630	420	ug/Kg	-1050				0	0	
Fluoranthene	20	3900	2400	ug/Kg	-7500				0	0	
Pyrene	20	2400	1500	ug/Kg	-4500	*			35	142	
Benzo(a)anthracene	20	1800	1200	ug/Kg	-3000				0	0	
Chrysene	20	1400	910	ug/Kg	-2450				0	0	
Benzo(b)fluoranthene	20	1600	1100	ug/Kg	-2500				0	0	
Benzo(k)fluoranthene	20	500	340	ug/Kg	-800				0	0	
Benzo(a)pyrene	20	670	430	ug/Kg	-1200				0	0	
Indeno(1,2,3-cd)pyrene	20	370	250	ug/Kg	-600				0	0	
Dibenzo(a,h)anthracene	20	170	130	ug/Kg	-200				0	0	
Benzo(g,h,i)perylene	20	60	41	ug/Kg	-95				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2710-23MSD		Client Sample ID: A4B87MSD					DataFile: BM046132.D				
1,4-Dioxane	100		55	ug/Kg	55		5		15	120	50
Naphthalene	20	95	57	ug/Kg	-190		11	*	0	0	0
1-Methylnaphthalene	20	53	40	ug/Kg	-65		26	*	0	0	0
2-Methylnaphthalene	20	64	46	ug/Kg	-90		25	*	0	0	0
Acenaphthylene	20	110	96	ug/Kg	-70		24	*	0	0	0
Acenaphthene	20	210	130	ug/Kg	-400	*	13		31	137	19
Fluorene	20	270	150	ug/Kg	-600		9	*	0	0	0
Pentachlorophenol	40		22	ug/Kg	55		9		17	109	47
Phenanthrene	20	2600	1500	ug/Kg	-5500		10	*	0	0	0
Anthracene	20	630	400	ug/Kg	-1150		9	*	0	0	0
Fluoranthene	20	3900	1900	ug/Kg	-10000		29	*	0	0	0
Pyrene	20	2400	1200	ug/Kg	-6000	*	29		35	142	36
Benzo(a)anthracene	20	1800	980	ug/Kg	-4100		31	*	0	0	0
Chrysene	20	1400	750	ug/Kg	-3250		28	*	0	0	0
Benzo(b)fluoranthene	20	1600	950	ug/Kg	-3250		26	*	0	0	0
Benzo(k)fluoranthene	20	500	340	ug/Kg	-800		0		0	0	0
Benzo(a)pyrene	20	670	410	ug/Kg	-1300		8	*	0	0	0
Indeno(1,2,3-cd)pyrene	20	370	230	ug/Kg	-700		15	*	0	0	0
Dibenzo(a,h)anthracene	20	170	120	ug/Kg	-250		22	*	0	0	0
Benzo(g,h,i)perylene	20	60	38	ug/Kg	-110		15	*	0	0	0



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

Surrogate Summary

SW-846

SDG No.: BM062024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2695-03DL	A4BJ4DL	BM046115.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140



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

Surrogate Summary

SW-846

SDG No.: BM062024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB161389BL	PB161389BL	BM046127.D	1,4-Dioxane-d8	8	5.07	63		15	120
		BM046141.D	1,4-Dioxane-d8	8	37.61	470	*	15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
		BM046127.D	Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		20	140
		BM046141.D	2-Methylnaphthalene-d10	0.4	5.21	1303	*	20	140
PB161389BS	PB161389BS	BM046139.D	1,4-Dioxane-d8	0.8	0.59	74		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140

Surrogate Summary

SW-846

SDG No.: **BM062024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-01	A4B20	BM046116.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2710-01DL	A4B20DL	BM046142.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140
P2710-02	A4B21	BM046129.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P2710-03	A4B23	BM046134.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140
P2710-04	A4B24	BM046118.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2710-04DL	A4B24DL	BM046144.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2710-05	A4B26	BM046133.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2710-06	A4B27	BM046117.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2710-06DL	A4B27DL	BM046143.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P2710-07	A4BL4	BM046120.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2710-07DL	A4BL4DL	BM046145.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2710-08	A4BL7	BM046121.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2710-08DL	A4BL7DL	BM046146.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P2710-09	A4BL8	BM046122.D	1,4-Dioxane-d8	8	2.08	26		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P2710-10	A4BL9	BM046123.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2710-11	A4BM0	BM046119.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2710-12	A4BM1	BM046128.D	1,4-Dioxane-d8	8	2.54	32		15	120

Surrogate Summary

SW-846

SDG No.: **BM062024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-12	A4BM1	BM046128.D	Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P2710-13	A4BM3	BM046125.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
P2710-13DL	A4BM3DL	BM046148.D	2-Methylnaphthalene-d10	0.4	0.31	79		20	140
			1,4-Dioxane-d8	8	4.31	54		15	120
P2710-14	A4BM4	BM046138.D	Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140
P2710-15	A4BM9	BM046135.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
P2710-16	A4BN0	BM046124.D	2-Methylnaphthalene-d10	0.4	0.25	62		20	140
			1,4-Dioxane-d8	8	3.70	46		15	120
P2710-16DL	A4BN0DL	BM046147.D	Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2710-21	A4B87	BM046130.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
P2710-22MS	A4B87MS	BM046131.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	140
			1,4-Dioxane-d8	8	4.44	56		15	120
P2710-23MSD	A4B87MSD	BM046132.D	Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P2710-24	A4B88	BM046136.D	1,4-Dioxane-d8	8	5.97	75		15	120
			Fluoranthene-d10	0.4	0.57	143	*	30	130
P2710-25	A4B89	BM046137.D	2-Methylnaphthalene-d10	0.4	0.46	115		20	140
			1,4-Dioxane-d8	0.8	0.48	60		15	120
PB161391BL	PB161391BL	BM046114.D	Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
			1,4-Dioxane-d8	0.8	0.46	57		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
			1,4-Dioxane-d8	8	2.82	35		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
			1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
			1,4-Dioxane-d8	8	5.18	65		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062024

Lab Code: CHEM

SAS No.: BM062024

SDG NO.: BM062024

Lab File ID: BM046112.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	66.7
68	Less than 2.0% of mass 69	1 (1.8) 1
69	Mass 69 relative abundance	54.7
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	53.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	13 (19.5) 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
SSTD0.4134	SSTDCCC0.4	BM046113.D	06/20/2024	08:49
SBLK391	PB161391BL	BM046114.D	06/20/2024	09:35
A4BJ4DL	P2695-03DL	BM046115.D	06/20/2024	10:15
A4B20	P2710-01	BM046116.D	06/20/2024	10:51
A4B27	P2710-06	BM046117.D	06/20/2024	11:28
A4B24	P2710-04	BM046118.D	06/20/2024	12:04
A4BM0	P2710-11	BM046119.D	06/20/2024	12:41
A4BL4	P2710-07	BM046120.D	06/20/2024	13:17
A4BL7	P2710-08	BM046121.D	06/20/2024	13:54
A4BL8	P2710-09	BM046122.D	06/20/2024	14:30
A4BL9	P2710-10	BM046123.D	06/20/2024	15:07
A4BN0	P2710-16	BM046124.D	06/20/2024	15:44
A4BM3	P2710-13	BM046125.D	06/20/2024	16:20
SSTD0.4135	SSTDCCC0.4	BM046126.D	06/20/2024	16:57
SBLK389	PB161389BL	BM046127.D	06/20/2024	17:34
A4BM1	P2710-12	BM046128.D	06/20/2024	18:10
A4B21	P2710-02	BM046129.D	06/20/2024	18:47
A4B87	P2710-21	BM046130.D	06/20/2024	19:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062024

Lab Code: CHEM

SAS No.: BM062024

SDG NO.: BM062024

Lab File ID: BM046112.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	66.7
68	Less than 2.0% of mass 69	1 (1.8) 1
69	Mass 69 relative abundance	54.7
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	53.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	13 (19.5) 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
A4B87MS	P2710-22MS	BM046131.D	06/20/2024	20:01
A4B87MSD	P2710-23MSD	BM046132.D	06/20/2024	20:37
A4B26	P2710-05	BM046133.D	06/20/2024	21:14
A4B23	P2710-03	BM046134.D	06/20/2024	21:51
A4BM9	P2710-15	BM046135.D	06/20/2024	22:27
A4B88	P2710-24	BM046136.D	06/20/2024	23:04
A4B89	P2710-25	BM046137.D	06/20/2024	23:40
A4BM4	P2710-14	BM046138.D	06/21/2024	00:16
SLCS389	PB161389BS	BM046139.D	06/21/2024	00:53
SSTD0.4136	SSTDCCC0.4	BM046140.D	06/21/2024	02:05
SBLK389	PB161389BL	BM046141.D	06/21/2024	02:42
A4B20DL	P2710-01DL	BM046142.D	06/21/2024	03:18
A4B27DL	P2710-06DL	BM046143.D	06/21/2024	03:54
A4B24DL	P2710-04DL	BM046144.D	06/21/2024	04:30
A4BL4DL	P2710-07DL	BM046145.D	06/21/2024	05:06
A4BL7DL	P2710-08DL	BM046146.D	06/21/2024	05:42
A4BN0DL	P2710-16DL	BM046147.D	06/21/2024	06:18
A4BM3DL	P2710-13DL	BM046148.D	06/21/2024	06:54

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062024

Lab Code: CHEM

SAS No.: BM062024

SDG NO.: BM062024

Lab File ID: BM046112.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	66.7
68	Less than 2.0% of mass 69	1 (1.8) 1
69	Mass 69 relative abundance	54.7
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	53.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	13 (19.5) 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
SSTD0.4137	SSTDCCC0.4	BM046149.D	06/21/2024	08:06