

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG No.: BM061824
Instrument ID: BNA_M Calibration Date/Time: 6/18/2024 1:15:08
Lab File ID: BM046051.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4128 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	0.605	0.010	-1.7371	40.0
1,4-Dioxane-d8	0.549	0.637	0.010	15.986	40.0
Naphthalene	1.115	1.163	0.600	4.2719	30.0
1-Methylnaphthalene	0.689	0.725	0.300	5.2271	30.0
2-Methylnaphthalene	0.628	0.637	0.300	1.4287	30.0
Acenaphthylene	1.897	1.878	0.900	-1.0264	30.0
Acenaphthene	1.370	1.414	0.500	3.2315	30.0
Fluorene	1.470	1.521	0.700	3.5115	30.0
Pentachlorophenol	0.120	0.110	0.010	-8.0185	50.0
Phenanthrene	1.124	1.102	0.300	-1.9508	30.0
Anthracene	0.837	0.733	0.400	-12.4174	30.0
Fluoranthene	1.732	1.711	0.400	-1.2269	30.0
Pyrene	1.873	1.871	0.500	-0.1129	30.0
Benzo (a) anthracene	1.545	1.478	0.400	-4.3723	30.0
Chrysene	1.972	2.014	0.400	2.1639	30.0
Benzo (b) fluoranthene	1.441	1.478	0.200	2.536	30.0
Benzo (k) fluoranthene	1.713	1.727	0.200	0.8222	30.0
Benzo (a) pyrene	1.335	1.369	0.200	2.5349	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.215	0.200	1.3569	30.0
Dibenzo (a,h) anthracene	1.627	1.634	0.200	0.4294	30.0
Benzo (g,h,i) perylene	1.874	1.914	0.200	2.1312	30.0
Fluoranthene-d10	1.198	1.174	0.400	-1.965	30.0
2-Methylnaphthalene-d10	0.537	0.563	0.300	4.8868	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.: BM061824 SAS No.: BM061824 SDG No.: BM061824

Instrument ID: BNA_M Calibration Date/Time: 6/19/2024 1:00:53

Lab File ID: BM046066.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4129 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	0.642	0.010	4.3318	40.0
1,4-Dioxane-d8	0.549	0.551	0.010	0.4738	40.0
Naphthalene	1.115	1.118	0.600	0.1812	30.0
1-Methylnaphthalene	0.689	0.732	0.300	6.2652	30.0
2-Methylnaphthalene	0.628	0.659	0.300	4.8918	30.0
Acenaphthylene	1.897	1.953	0.900	2.9528	30.0
Acenaphthene	1.370	1.410	0.500	2.9126	30.0
Fluorene	1.470	1.545	0.700	5.0958	30.0
Pentachlorophenol	0.120	0.112	0.010	-6.7868	50.0
Phenanthrene	1.124	1.152	0.300	2.4952	30.0
Anthracene	0.837	0.891	0.400	6.4971	30.0
Fluoranthene	1.732	1.863	0.400	7.548	30.0
Pyrene	1.873	2.001	0.500	6.8569	30.0
Benzo (a) anthracene	1.545	1.614	0.400	4.4512	30.0
Chrysene	1.972	2.027	0.400	2.7866	30.0
Benzo (b) fluoranthene	1.441	1.494	0.200	3.6635	30.0
Benzo (k) fluoranthene	1.713	1.736	0.200	1.328	30.0
Benzo (a) pyrene	1.335	1.358	0.200	1.6707	30.0
Indeno (1,2,3-cd) pyrene	2.186	2.120	0.200	-3.018	30.0
Dibenzo (a,h) anthracene	1.627	1.608	0.200	-1.1976	30.0
Benzo (g,h,i) perylene	1.874	1.778	0.200	-5.1188	30.0
Fluoranthene-d10	1.198	1.279	0.400	6.7704	30.0
2-Methylnaphthalene-d10	0.537	0.565	0.300	5.1064	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.: BM061824 SAS No.: BM061824 SDG No.: BM061824

Instrument ID: BNA_M Calibration Date/Time: 6/19/2024 1:08:07

Lab File ID: BM046077.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4130 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	0.624	0.010	1.4365	50.0
1,4-Dioxane-d8	0.549	0.547	0.010	-0.3524	50.0
Naphthalene	1.115	1.151	0.600	3.1446	50.0
1-Methylnaphthalene	0.689	0.748	0.300	8.5479	50.0
2-Methylnaphthalene	0.628	0.658	0.300	4.8463	50.0
Acenaphthylene	1.897	1.975	0.900	4.1187	50.0
Acenaphthene	1.370	1.451	0.500	5.9116	50.0
Fluorene	1.470	1.549	0.700	5.404	50.0
Pentachlorophenol	0.120	0.111	0.010	-6.9933	50.0
Phenanthrene	1.124	1.148	0.300	2.1393	50.0
Anthracene	0.837	0.862	0.400	2.9664	50.0
Fluoranthene	1.732	1.920	0.400	10.8524	50.0
Pyrene	1.873	2.057	0.500	9.798	50.0
Benzo (a) anthracene	1.545	1.594	0.400	3.1492	50.0
Chrysene	1.972	2.072	0.400	5.0902	50.0
Benzo (b) fluoranthene	1.441	1.551	0.200	7.6509	50.0
Benzo (k) fluoranthene	1.713	1.738	0.200	1.4586	50.0
Benzo (a) pyrene	1.335	1.398	0.200	4.6933	50.0
Indeno (1,2,3-cd) pyrene	2.186	2.175	0.200	-0.4871	50.0
Dibenzo (a,h) anthracene	1.627	1.639	0.200	0.7346	50.0
Benzo (g,h,i) perylene	1.874	1.830	0.200	-2.3445	50.0
Fluoranthene-d10	1.198	1.301	0.400	8.5773	50.0
2-Methylnaphthalene-d10	0.537	0.569	0.300	5.9092	50.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG No.: BM061824
Instrument ID: BNA_M Calibration Date/Time: 6/18/2024 1:13:55
Lab File ID: BM046049.D Init. Calib. Date(s): _____
EPA Sample No.: SICV021 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.616	0.508	0.010	-17.4328	40.0
1,4-Dioxane-d8	0.549	0.465	0.010	-15.3199	40.0
Naphthalene	1.115	0.990	0.600	-11.2344	30.0
1-Methylnaphthalene	0.689	0.567	0.300	-17.6958	30.0
2-Methylnaphthalene	0.628	0.545	0.300	-13.1862	30.0
Acenaphthylene	1.897	1.741	0.900	-8.2122	30.0
Acenaphthene	1.370	1.259	0.500	-8.0945	30.0
Fluorene	1.470	1.355	0.700	-7.7915	30.0
Pentachlorophenol	0.120	0.093	0.010	-22.5868	50.0
Phenanthrene	1.124	1.022	0.300	-9.026	30.0
Anthracene	0.837	0.783	0.400	-6.4181	30.0
Fluoranthene	1.732	1.470	0.400	-15.111	30.0
Pyrene	1.873	1.607	0.500	-14.1988	30.0
Benzo (a) anthracene	1.545	1.244	0.400	-19.5061	30.0
Chrysene	1.972	1.701	0.400	-13.7089	30.0
Benzo (b) fluoranthene	1.441	1.224	0.200	-15.0708	30.0
Benzo (k) fluoranthene	1.713	1.396	0.200	-18.5258	30.0
Benzo (a) pyrene	1.335	1.241	0.200	-7.0793	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.907	0.200	-12.7606	30.0
Dibenzo (a,h) anthracene	1.627	1.430	0.200	-12.1455	30.0
Benzo (g,h,i) perylene	1.874	1.630	0.200	-13.0071	30.0
Fluoranthene-d10	1.198	1.000	0.400	-16.5402	30.0
2-Methylnaphthalene-d10	0.537	0.447	0.300	-16.8346	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK358	SDG No.:	BM061824
Lab Sample ID:	PB161358BL	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
BM046050.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.916		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	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	3101		7.434			
1146-65-2	Naphthalene-d8	8564		10.209			
15067-26-2	Acenaphthene-d10	4449		14.089			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK358	SDG No.:	BM061824
Lab Sample ID:	PB161358BL	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
BM046050.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9446	16.828				
1719-03-5	Chrysene-d12	7301	21.05				
1520-96-3	Perylene-d12	8443	23.133				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK358	SDG No.:	BM061824
Lab Sample ID:	PB161358BL	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
BM046052.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.842		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3081	7.434				
1146-65-2	Naphthalene-d8	8244	10.211				
15067-26-2	Acenaphthene-d10	4285	14.086				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK358	SDG No.:	BM061824
Lab Sample ID:	PB161358BL	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
BM046052.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8984	16.829				
1719-03-5	Chrysene-d12	6716	21.049				
1520-96-3	Perylene-d12	7584	23.13				
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:	A4BJ0	SDG No.:	BM061824
Lab Sample ID:	P2695-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39
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
BM046053.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	7		0.33	1.3	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	5.4		0.85	1.3	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	6.4		0.31	1.3	5.4	ug/Kg
208-96-8	Acenaphthylene	8.6		0.54	1.3	5.4	ug/Kg
83-32-9	Acenaphthene	24		0.29	1.3	5.4	ug/Kg
86-73-7	Fluorene	24		0.36	1.3	5.4	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	270	E	0.29	1.3	5.4	ug/Kg
120-12-7	Anthracene	68		0.28	1.3	5.4	ug/Kg
206-44-0	Fluoranthene	260	E	0.29	1.3	5.4	ug/Kg
129-00-0	Pyrene	180	E	0.39	1.3	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.15	1.3	5.4	ug/Kg
218-01-9	Chrysene	100	E	0.41	1.3	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	0.77	1.3	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	48		0.52	1.3	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	67		0.52	1.3	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		0.85	1.3	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	17		0.77	1.3	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		1.2	1.3	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.899		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.198		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3390		7.434			
1146-65-2	Naphthalene-d8	9315		10.209			
15067-26-2	Acenaphthene-d10	4876		14.089			

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:	A4BJ0	SDG No.:	BM061824
Lab Sample ID:	P2695-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39
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
BM046053.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10446	16.828				
1719-03-5	Chrysene-d12	8913	21.024				
1520-96-3	Perylene-d12	10591	23.125				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BJ2	SDG No.:	BM061824
Lab Sample ID:	P2695-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.3
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
BM046054.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	7.3		0.34	1.4	5.5	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	J	0.87	1.4	5.5	ug/Kg
91-57-6	2-Methylnaphthalene	3.2	J	0.32	1.4	5.5	ug/Kg
208-96-8	Acenaphthylene	12		0.55	1.4	5.5	ug/Kg
83-32-9	Acenaphthene	6.6		0.3	1.4	5.5	ug/Kg
86-73-7	Fluorene	7.3		0.37	1.4	5.5	ug/Kg
87-86-5	Pentachlorophenol	3.4	U	3.4	2.8	11	ug/Kg
85-01-8	Phenanthrene	110	E	0.3	1.4	5.5	ug/Kg
120-12-7	Anthracene	28		0.28	1.4	5.5	ug/Kg
206-44-0	Fluoranthene	210	E	0.3	1.4	5.5	ug/Kg
129-00-0	Pyrene	140	E	0.4	1.4	5.5	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.16	1.4	5.5	ug/Kg
218-01-9	Chrysene	100	E	0.42	1.4	5.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	0.79	1.4	5.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	58		0.54	1.4	5.5	ug/Kg
50-32-8	Benzo(a)pyrene	68		0.54	1.4	5.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50		0.87	1.4	5.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20		0.79	1.4	5.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.8		1.3	1.4	5.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.895		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.279		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3338		7.434			
1146-65-2	Naphthalene-d8	8963		10.211			
15067-26-2	Acenaphthene-d10	4684		14.086			

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:	A4BJ2	SDG No.:	BM061824
Lab Sample ID:	P2695-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.3
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
BM046054.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9936	16.829				
1719-03-5	Chrysene-d12	8698	21.023				
1520-96-3	Perylene-d12	10410	23.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BJ4	SDG No.:	BM061824
Lab Sample ID:	P2695-03	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
BM046055.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

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	7.5		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	J	0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	4.1	J	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	18		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	11		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	12		0.28	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	160	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	40		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	250	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	170	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	110	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	57		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	82	E	0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.6		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.414		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	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	2971		7.434			
1146-65-2	Naphthalene-d8	8113		10.211			
15067-26-2	Acenaphthene-d10	4341		14.086			

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:	A4BJ4	SDG No.:	BM061824
Lab Sample ID:	P2695-03	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
BM046055.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9243	16.829				
1719-03-5	Chrysene-d12	8278	21.023				
1520-96-3	Perylene-d12	9971	23.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4BJ5	SDG No.:	BM061824
Lab Sample ID:	P2695-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046056.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	2.5	J	0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	4.4		0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	3.6	J	0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	2.7	J	0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	2.2	J	0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.2		0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.1	J	0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	2.7	J	0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	J	0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.4	J	0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.173		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.47		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.454		20-140		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3248		7.434			
1146-65-2	Naphthalene-d8	9137		10.204			
15067-26-2	Acenaphthene-d10	4837		14.084			

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:	A4BJ5	SDG No.:	BM061824
Lab Sample ID:	P2695-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046056.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10256	16.823				
1719-03-5	Chrysene-d12	8447	21.032				
1520-96-3	Perylene-d12	9266	23.125				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	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:	A4BJ7	SDG No.:	BM061824
Lab Sample ID:	P2695-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.1
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
BM046057.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

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	4.4	J	0.3	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	0.79	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	12		0.5	1.3	5	ug/Kg
83-32-9	Acenaphthene	8		0.27	1.3	5	ug/Kg
86-73-7	Fluorene	8.9		0.33	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	150	E	0.27	1.3	5	ug/Kg
120-12-7	Anthracene	35		0.26	1.3	5	ug/Kg
206-44-0	Fluoranthene	320	E	0.27	1.3	5	ug/Kg
129-00-0	Pyrene	200	E	0.36	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.14	1.3	5	ug/Kg
218-01-9	Chrysene	150	E	0.38	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	E	0.71	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	68		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	94	E	0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64		0.79	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27		0.71	1.3	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		1.1	1.3	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.787		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.234		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4572		7.434			
1146-65-2	Naphthalene-d8	12804		10.205			
15067-26-2	Acenaphthene-d10	6590		14.086			

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:	A4BJ7	SDG No.:	BM061824
Lab Sample ID:	P2695-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.1
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
BM046057.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13877	16.825				
1719-03-5	Chrysene-d12	12107	21.023				
1520-96-3	Perylene-d12	15586	23.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	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:	A4BJ8	SDG No.:	BM061824
Lab Sample ID:	P2695-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.1
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
BM046058.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

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	J	0.29	1.2	4.8	ug/Kg
90-12-0	1-Methylnaphthalene	1.6	J	0.76	1.2	4.8	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	J	0.28	1.2	4.8	ug/Kg
208-96-8	Acenaphthylene	9.4		0.48	1.2	4.8	ug/Kg
83-32-9	Acenaphthene	7.7		0.26	1.2	4.8	ug/Kg
86-73-7	Fluorene	8.7		0.32	1.2	4.8	ug/Kg
87-86-5	Pentachlorophenol	2.9	U	2.9	2.5	9.8	ug/Kg
85-01-8	Phenanthrene	110	E	0.26	1.2	4.8	ug/Kg
120-12-7	Anthracene	29		0.25	1.2	4.8	ug/Kg
206-44-0	Fluoranthene	220	E	0.26	1.2	4.8	ug/Kg
129-00-0	Pyrene	140	E	0.35	1.2	4.8	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.14	1.2	4.8	ug/Kg
218-01-9	Chrysene	100	E	0.37	1.2	4.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	E	0.69	1.2	4.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.47	1.2	4.8	ug/Kg
50-32-8	Benzo(a)pyrene	67		0.47	1.2	4.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43		0.76	1.2	4.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		0.69	1.2	4.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.6		1.1	1.2	4.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.01		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.313		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3558		7.434			
1146-65-2	Naphthalene-d8	10100		10.204			
15067-26-2	Acenaphthene-d10	5320		14.084			

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:	A4BJ8	SDG No.:	BM061824
Lab Sample ID:	P2695-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.1
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
BM046058.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11111	16.828				
1719-03-5	Chrysene-d12	9596	21.024				
1520-96-3	Perylene-d12	11338	23.122				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	A4BJ9	SDG No.:	BM061824
Lab Sample ID:	P2695-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.1
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
BM046059.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	U	1.7	0	13	ug/Kg
91-20-3	Naphthalene	5.2	J	0.39	1.6	6.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.9	J	1	1.6	6.5	ug/Kg
91-57-6	2-Methylnaphthalene	2.7	J	0.37	1.6	6.5	ug/Kg
208-96-8	Acenaphthylene	8.6		0.65	1.6	6.5	ug/Kg
83-32-9	Acenaphthene	7.4		0.35	1.6	6.5	ug/Kg
86-73-7	Fluorene	8.3		0.43	1.6	6.5	ug/Kg
87-86-5	Pentachlorophenol	3.9	U	3.9	3.3	13	ug/Kg
85-01-8	Phenanthrene	120	E	0.35	1.6	6.5	ug/Kg
120-12-7	Anthracene	26		0.33	1.6	6.5	ug/Kg
206-44-0	Fluoranthene	200	E	0.35	1.6	6.5	ug/Kg
129-00-0	Pyrene	130	E	0.47	1.6	6.5	ug/Kg
56-55-3	Benzo(a)anthracene	93		0.18	1.6	6.5	ug/Kg
218-01-9	Chrysene	85		0.49	1.6	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	E	0.92	1.6	6.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	49		0.63	1.6	6.5	ug/Kg
50-32-8	Benzo(a)pyrene	59		0.63	1.6	6.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		1	1.6	6.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.92	1.6	6.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.3		1.5	1.6	6.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.626		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	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	3499		7.434			
1146-65-2	Naphthalene-d8	9975		10.204			
15067-26-2	Acenaphthene-d10	5453		14.084			

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:	A4BJ9	SDG No.:	BM061824
Lab Sample ID:	P2695-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.1
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
BM046059.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11684	16.823				
1719-03-5	Chrysene-d12	9980	21.023				
1520-96-3	Perylene-d12	10999	23.122				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	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:	A4BK1	SDG No.:	BM061824
Lab Sample ID:	P2695-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	56.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046060.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1	U	2.1	0	15	ug/Kg
91-20-3	Naphthalene	6.2	J	0.46	1.9	7.6	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	J	1.2	1.9	7.6	ug/Kg
91-57-6	2-Methylnaphthalene	3.1	J	0.44	1.9	7.6	ug/Kg
208-96-8	Acenaphthylene	11		0.76	1.9	7.6	ug/Kg
83-32-9	Acenaphthene	8.8		0.42	1.9	7.6	ug/Kg
86-73-7	Fluorene	11		0.51	1.9	7.6	ug/Kg
87-86-5	Pentachlorophenol	4.6	U	4.6	3.9	15	ug/Kg
85-01-8	Phenanthrene	180	E	0.42	1.9	7.6	ug/Kg
120-12-7	Anthracene	38		0.39	1.9	7.6	ug/Kg
206-44-0	Fluoranthene	360	E	0.42	1.9	7.6	ug/Kg
129-00-0	Pyrene	220	E	0.55	1.9	7.6	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.21	1.9	7.6	ug/Kg
218-01-9	Chrysene	160	E	0.58	1.9	7.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	E	1.1	1.9	7.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	85		0.74	1.9	7.6	ug/Kg
50-32-8	Benzo(a)pyrene	100		0.74	1.9	7.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72		1.2	1.9	7.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29		1.1	1.9	7.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.7	1.9	7.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.302		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.292		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3190		7.434			
1146-65-2	Naphthalene-d8	8990		10.209			
15067-26-2	Acenaphthene-d10	4682		14.084			

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:	A4BK1	SDG No.:	BM061824
Lab Sample ID:	P2695-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	56.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046060.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9830	16.823				
1719-03-5	Chrysene-d12	8671	21.024				
1520-96-3	Perylene-d12	10388	23.122				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.1	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:	A4BK2	SDG No.:	BM061824
Lab Sample ID:	P2695-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	56.4
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
BM046061.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	15	ug/Kg
91-20-3	Naphthalene	11		0.46	1.9	7.5	ug/Kg
90-12-0	1-Methylnaphthalene	4.1	J	1.2	1.9	7.5	ug/Kg
91-57-6	2-Methylnaphthalene	5.6	J	0.43	1.9	7.5	ug/Kg
208-96-8	Acenaphthylene	24		0.75	1.9	7.5	ug/Kg
83-32-9	Acenaphthene	17		0.41	1.9	7.5	ug/Kg
86-73-7	Fluorene	20		0.5	1.9	7.5	ug/Kg
87-86-5	Pentachlorophenol	4.6	U	4.6	3.8	15	ug/Kg
85-01-8	Phenanthrene	260	E	0.41	1.9	7.5	ug/Kg
120-12-7	Anthracene	52		0.39	1.9	7.5	ug/Kg
206-44-0	Fluoranthene	500	E	0.41	1.9	7.5	ug/Kg
129-00-0	Pyrene	300	E	0.55	1.9	7.5	ug/Kg
56-55-3	Benzo(a)anthracene	180	E	0.21	1.9	7.5	ug/Kg
218-01-9	Chrysene	170	E	0.57	1.9	7.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	E	1.1	1.9	7.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	82		0.73	1.9	7.5	ug/Kg
50-32-8	Benzo(a)pyrene	100		0.73	1.9	7.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65		1.2	1.9	7.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27		1.1	1.9	7.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		1.7	1.9	7.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.441		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3939		7.434			
1146-65-2	Naphthalene-d8	11186		10.204			
15067-26-2	Acenaphthene-d10	5990		14.084			

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:	A4BK2	SDG No.:	BM061824
Lab Sample ID:	P2695-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	56.4
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
BM046061.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13165	16.823				
1719-03-5	Chrysene-d12	10753	21.02				
1520-96-3	Perylene-d12	12136	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	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:	A4BK3	SDG No.:	BM061824
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53
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
BM046062.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

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	8.2		0.43	1.8	7	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	J	1.1	1.8	7	ug/Kg
91-57-6	2-Methylnaphthalene	4.3	J	0.4	1.8	7	ug/Kg
208-96-8	Acenaphthylene	17		0.7	1.8	7	ug/Kg
83-32-9	Acenaphthene	13		0.38	1.8	7	ug/Kg
86-73-7	Fluorene	15		0.47	1.8	7	ug/Kg
87-86-5	Pentachlorophenol	4.3	U	4.3	3.6	14	ug/Kg
85-01-8	Phenanthrene	210	E	0.38	1.8	7	ug/Kg
120-12-7	Anthracene	50		0.36	1.8	7	ug/Kg
206-44-0	Fluoranthene	410	E	0.38	1.8	7	ug/Kg
129-00-0	Pyrene	260	E	0.51	1.8	7	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.2	1.8	7	ug/Kg
218-01-9	Chrysene	180	E	0.53	1.8	7	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	E	1	1.8	7	ug/Kg
207-08-9	Benzo(k)fluoranthene	87		0.68	1.8	7	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.68	1.8	7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75		1.1	1.8	7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32		1	1.8	7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.6	1.8	7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.073		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.254		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4808		7.434			
1146-65-2	Naphthalene-d8	13831		10.204			
15067-26-2	Acenaphthene-d10	7375		14.08			

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:	A4BK3	SDG No.:	BM061824
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53
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
BM046062.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15918	16.823				
1719-03-5	Chrysene-d12	12756	21.02				
1520-96-3	Perylene-d12	14820	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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:	A4BK5	SDG No.:	BM061824
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.4
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
BM046063.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	10		0.33	1.4	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	J	0.86	1.4	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	5.4		0.31	1.4	5.4	ug/Kg
208-96-8	Acenaphthylene	23		0.54	1.4	5.4	ug/Kg
83-32-9	Acenaphthene	13		0.3	1.4	5.4	ug/Kg
86-73-7	Fluorene	20		0.36	1.4	5.4	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	2.8	11	ug/Kg
85-01-8	Phenanthrene	340	E	0.3	1.4	5.4	ug/Kg
120-12-7	Anthracene	110	E	0.28	1.4	5.4	ug/Kg
206-44-0	Fluoranthene	700	E	0.3	1.4	5.4	ug/Kg
129-00-0	Pyrene	450	E	0.39	1.4	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	360	E	0.15	1.4	5.4	ug/Kg
218-01-9	Chrysene	260	E	0.41	1.4	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	E	0.77	1.4	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	E	0.53	1.4	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	150	E	0.53	1.4	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75		0.86	1.4	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35		0.77	1.4	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		1.2	1.4	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.702		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4867		7.43			
1146-65-2	Naphthalene-d8	13774		10.205			
15067-26-2	Acenaphthene-d10	7496		14.081			

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:	A4BK5	SDG No.:	BM061824
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.4
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
BM046063.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16307	16.821				
1719-03-5	Chrysene-d12	12463	21.017				
1520-96-3	Perylene-d12	15291	23.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BK9	SDG No.:	BM061824
Lab Sample ID:	P2695-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046064.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	3.1	J	0.33	1.4	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.85	1.4	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.31	1.4	5.4	ug/Kg
208-96-8	Acenaphthylene	4.8	J	0.54	1.4	5.4	ug/Kg
83-32-9	Acenaphthene	3.3	J	0.3	1.4	5.4	ug/Kg
86-73-7	Fluorene	3.4	J	0.36	1.4	5.4	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	2.8	11	ug/Kg
85-01-8	Phenanthrene	45		0.3	1.4	5.4	ug/Kg
120-12-7	Anthracene	10		0.28	1.4	5.4	ug/Kg
206-44-0	Fluoranthene	77		0.3	1.4	5.4	ug/Kg
129-00-0	Pyrene	52		0.39	1.4	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	35		0.15	1.4	5.4	ug/Kg
218-01-9	Chrysene	34		0.41	1.4	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	63		0.77	1.4	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	19		0.53	1.4	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	25		0.53	1.4	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		0.85	1.4	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.5		0.77	1.4	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.5	J	1.2	1.4	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.255		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.293		30-130		73	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	3425		7.434			
1146-65-2	Naphthalene-d8	9672		10.204			
15067-26-2	Acenaphthene-d10	5178		14.08			

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:	A4BK9	SDG No.:	BM061824
Lab Sample ID:	P2695-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.3
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
BM046064.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11063	16.823				
1719-03-5	Chrysene-d12	9320	21.024				
1520-96-3	Perylene-d12	10196	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BL1	SDG No.:	BM061824
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046065.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	15	ug/Kg
91-20-3	Naphthalene	4.9	J	0.44	1.8	7.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.9	J	1.1	1.8	7.3	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.42	1.8	7.3	ug/Kg
208-96-8	Acenaphthylene	7.5		0.73	1.8	7.3	ug/Kg
83-32-9	Acenaphthene	6.6	J	0.4	1.8	7.3	ug/Kg
86-73-7	Fluorene	7.4		0.49	1.8	7.3	ug/Kg
87-86-5	Pentachlorophenol	4.4	U	4.4	3.7	15	ug/Kg
85-01-8	Phenanthrene	93		0.4	1.8	7.3	ug/Kg
120-12-7	Anthracene	21		0.37	1.8	7.3	ug/Kg
206-44-0	Fluoranthene	180	E	0.4	1.8	7.3	ug/Kg
129-00-0	Pyrene	110		0.53	1.8	7.3	ug/Kg
56-55-3	Benzo(a)anthracene	81		0.21	1.8	7.3	ug/Kg
218-01-9	Chrysene	75		0.55	1.8	7.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	1	1.8	7.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	38		0.71	1.8	7.3	ug/Kg
50-32-8	Benzo(a)pyrene	48		0.71	1.8	7.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.1	1.8	7.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1	1.8	7.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.6	J	1.7	1.8	7.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.369		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	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	3561		7.434			
1146-65-2	Naphthalene-d8	10248		10.204			
15067-26-2	Acenaphthene-d10	5536		14.08			

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:	A4BL1	SDG No.:	BM061824
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046065.D	1	6/6/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11920	16.823				
1719-03-5	Chrysene-d12	9614	21.023				
1520-96-3	Perylene-d12	10530	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM061824
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
BM046067.D	1	6/7/2024 12:00:00 AM	6/19/2024 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	5.243		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4191	7.43				
1146-65-2	Naphthalene-d8	11775	10.198				
15067-26-2	Acenaphthene-d10	6089	14.08				

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.:	BM061824
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
BM046067.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13162	16.823				
1719-03-5	Chrysene-d12	9799	21.041				
1520-96-3	Perylene-d12	10365	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BM061824
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
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
BM046068.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4	U	2.4	0	18	ug/Kg
91-20-3	Naphthalene	14		0.54	2.2	8.9	ug/Kg
90-12-0	1-Methylnaphthalene	5.1	J	1.4	2.2	8.9	ug/Kg
91-57-6	2-Methylnaphthalene	7.5	J	0.51	2.2	8.9	ug/Kg
208-96-8	Acenaphthylene	27		0.89	2.2	8.9	ug/Kg
83-32-9	Acenaphthene	21		0.49	2.2	8.9	ug/Kg
86-73-7	Fluorene	24		0.6	2.2	8.9	ug/Kg
87-86-5	Pentachlorophenol	5.4	U	5.4	4.5	18	ug/Kg
85-01-8	Phenanthrene	340	E	0.49	2.2	8.9	ug/Kg
120-12-7	Anthracene	76		0.46	2.2	8.9	ug/Kg
206-44-0	Fluoranthene	650	E	0.49	2.2	8.9	ug/Kg
129-00-0	Pyrene	390	E	0.65	2.2	8.9	ug/Kg
56-55-3	Benzo(a)anthracene	310	E	0.25	2.2	8.9	ug/Kg
218-01-9	Chrysene	290	E	0.68	2.2	8.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	E	1.3	2.2	8.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.87	2.2	8.9	ug/Kg
50-32-8	Benzo(a)pyrene	170	E	0.87	2.2	8.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		1.4	2.2	8.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52		1.3	2.2	8.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		2	2.2	8.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.532		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.412		20-140		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3735	7.43				
1146-65-2	Naphthalene-d8	10434	10.198				
15067-26-2	Acenaphthene-d10	5576	14.08				

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BM061824
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
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
BM046068.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11955	16.819				
1719-03-5	Chrysene-d12	9714	21.018				
1520-96-3	Perylene-d12	11024	23.113				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BM061824
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
Sample Wt/Vol:	30.09 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
BM046069.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	98		2.4	0	18	ug/Kg
91-20-3	Naphthalene	38		0.54	2.2	8.9	ug/Kg
90-12-0	1-Methylnaphthalene	32		1.4	2.2	8.9	ug/Kg
91-57-6	2-Methylnaphthalene	36		0.51	2.2	8.9	ug/Kg
208-96-8	Acenaphthylene	50		0.89	2.2	8.9	ug/Kg
83-32-9	Acenaphthene	46		0.49	2.2	8.9	ug/Kg
86-73-7	Fluorene	49		0.6	2.2	8.9	ug/Kg
87-86-5	Pentachlorophenol	40		5.4	4.5	18	ug/Kg
85-01-8	Phenanthrene	270	E	0.49	2.2	8.9	ug/Kg
120-12-7	Anthracene	91		0.46	2.2	8.9	ug/Kg
206-44-0	Fluoranthene	540	E	0.49	2.2	8.9	ug/Kg
129-00-0	Pyrene	350	E	0.65	2.2	8.9	ug/Kg
56-55-3	Benzo(a)anthracene	280	E	0.25	2.2	8.9	ug/Kg
218-01-9	Chrysene	250	E	0.68	2.2	8.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	E	1.3	2.2	8.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.87	2.2	8.9	ug/Kg
50-32-8	Benzo(a)pyrene	140		0.87	2.2	8.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100		1.4	2.2	8.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63		1.3	2.2	8.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18		2	2.2	8.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.462		15-120		58	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		20-140		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3999		7.442			
1146-65-2	Naphthalene-d8	11538		10.22			
15067-26-2	Acenaphthene-d10	6436		14.084			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BM061824
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
Sample Wt/Vol:	30.09 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
BM046069.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13921	16.828				
1719-03-5	Chrysene-d12	11655	21.018				
1520-96-3	Perylene-d12	15357	23.119				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BM061824
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
Sample Wt/Vol:	30.08 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
BM046070.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	84		2.4	0	18	ug/Kg
91-20-3	Naphthalene	32		0.54	2.2	8.9	ug/Kg
90-12-0	1-Methylnaphthalene	27		1.4	2.2	8.9	ug/Kg
91-57-6	2-Methylnaphthalene	30		0.51	2.2	8.9	ug/Kg
208-96-8	Acenaphthylene	41		0.89	2.2	8.9	ug/Kg
83-32-9	Acenaphthene	39		0.49	2.2	8.9	ug/Kg
86-73-7	Fluorene	41		0.6	2.2	8.9	ug/Kg
87-86-5	Pentachlorophenol	33		5.4	4.5	18	ug/Kg
85-01-8	Phenanthrene	220	E	0.49	2.2	8.9	ug/Kg
120-12-7	Anthracene	74		0.46	2.2	8.9	ug/Kg
206-44-0	Fluoranthene	460	E	0.49	2.2	8.9	ug/Kg
129-00-0	Pyrene	300	E	0.65	2.2	8.9	ug/Kg
56-55-3	Benzo(a)anthracene	240	E	0.25	2.2	8.9	ug/Kg
218-01-9	Chrysene	210	E	0.68	2.2	8.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	E	1.3	2.2	8.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		0.87	2.2	8.9	ug/Kg
50-32-8	Benzo(a)pyrene	120		0.87	2.2	8.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84		1.4	2.2	8.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52		1.3	2.2	8.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		2	2.2	8.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.379		15-120		47	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4157	7.447				
1146-65-2	Naphthalene-d8	11829	10.22				
15067-26-2	Acenaphthene-d10	6575	14.089				

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BM061824
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.2
Sample Wt/Vol:	30.08 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
BM046070.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13934	16.827				
1719-03-5	Chrysene-d12	11234	21.018				
1520-96-3	Perylene-d12	14980	23.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.4	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:	A4BK6	SDG No.:	BM061824
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BM046071.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	1.3	J	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	3.6	J	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	2.9	J	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	2	J	0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	1.7	J	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.1	J	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.2	J	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	J	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	J	0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	J	0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.705		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.214		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4090		7.43			
1146-65-2	Naphthalene-d8	11232		10.205			
15067-26-2	Acenaphthene-d10	5983		14.081			

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:	A4BK6	SDG No.:	BM061824
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BM046071.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12661	16.825				
1719-03-5	Chrysene-d12	10382	21.029				
1520-96-3	Perylene-d12	11772	23.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	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:	A4BL3	SDG No.:	BM061824
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046072.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3	U	2.3	0	17	ug/Kg
91-20-3	Naphthalene	4.5	J	0.52	2.1	8.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.1	8.5	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	J	0.49	2.1	8.5	ug/Kg
208-96-8	Acenaphthylene	6.6	J	0.85	2.1	8.5	ug/Kg
83-32-9	Acenaphthene	7.2	J	0.46	2.1	8.5	ug/Kg
86-73-7	Fluorene	7.9	J	0.57	2.1	8.5	ug/Kg
87-86-5	Pentachlorophenol	5.2	U	5.2	4.3	17	ug/Kg
85-01-8	Phenanthrene	110		0.46	2.1	8.5	ug/Kg
120-12-7	Anthracene	23		0.44	2.1	8.5	ug/Kg
206-44-0	Fluoranthene	210	E	0.46	2.1	8.5	ug/Kg
129-00-0	Pyrene	130		0.62	2.1	8.5	ug/Kg
56-55-3	Benzo(a)anthracene	88		0.24	2.1	8.5	ug/Kg
218-01-9	Chrysene	84		0.64	2.1	8.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	1.2	2.1	8.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	44		0.82	2.1	8.5	ug/Kg
50-32-8	Benzo(a)pyrene	54		0.82	2.1	8.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.3	2.1	8.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		1.2	2.1	8.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.9	J	1.9	2.1	8.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.724		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4701		7.43			
1146-65-2	Naphthalene-d8	13313		10.198			
15067-26-2	Acenaphthene-d10	6963		14.08			

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:	A4BL3	SDG No.:	BM061824
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046072.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14845	16.819				
1719-03-5	Chrysene-d12	11781	21.021				
1520-96-3	Perylene-d12	12592	23.116				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SLCS358	SDG No.:	BM061824
Lab Sample ID:	PB161358BS	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
BM046073.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

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	11		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	12		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	16		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	12		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		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	13		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.565		15-120		71	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.339		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3781	7.451				
1146-65-2	Naphthalene-d8	11287	10.233				
15067-26-2	Acenaphthene-d10	6312	14.1				

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SLCS358	SDG No.:	BM061824
Lab Sample ID:	PB161358BS	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
BM046073.D	1	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12165	16.85				
1719-03-5	Chrysene-d12	9389	21.035				
1520-96-3	Perylene-d12	12500	23.13				
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:	A4BJ0DL	SDG No.:	BM061824
Lab Sample ID:	P2695-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39
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
BM046074.D	5	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.3	U	7.3	0	55	ug/Kg
91-20-3	Naphthalene	10	JD	1.6	6.7	27	ug/Kg
90-12-0	1-Methylnaphthalene	7.9	JD	4.2	6.7	27	ug/Kg
91-57-6	2-Methylnaphthalene	8.2	JD	1.6	6.7	27	ug/Kg
208-96-8	Acenaphthylene	13	JD	2.7	6.7	27	ug/Kg
83-32-9	Acenaphthene	34	D	1.5	6.7	27	ug/Kg
86-73-7	Fluorene	31	D	1.8	6.7	27	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13.7	55	ug/Kg
85-01-8	Phenanthrene	390	D	1.5	6.7	27	ug/Kg
120-12-7	Anthracene	96	D	1.4	6.7	27	ug/Kg
206-44-0	Fluoranthene	380	D	1.5	6.7	27	ug/Kg
129-00-0	Pyrene	270	D	2	6.7	27	ug/Kg
56-55-3	Benzo(a)anthracene	180	D	0.76	6.7	27	ug/Kg
218-01-9	Chrysene	140	D	2	6.7	27	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	D	3.8	6.7	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	D	2.6	6.7	27	ug/Kg
50-32-8	Benzo(a)pyrene	90	D	2.6	6.7	27	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	D	4.2	6.7	27	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	JD	3.8	6.7	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.8	JD	6.1	6.7	27	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.44		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3300		7.438			
1146-65-2	Naphthalene-d8	9035		10.226			
15067-26-2	Acenaphthene-d10	5005		14.089			

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:	A4BJ0DL	SDG No.:	BM061824
Lab Sample ID:	P2695-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39
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
BM046074.D	5	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10131	16.832				
1719-03-5	Chrysene-d12	8678	21.026				
1520-96-3	Perylene-d12	10059	23.122				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4DL	SDG No.:	BM061824
Lab Sample ID:	P2696-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	67.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046075.D	5	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	0	100	ug/Kg
91-20-3	Naphthalene	3.1	U	3.1	12.7	51	ug/Kg
90-12-0	1-Methylnaphthalene	8	U	8	12.7	51	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	U	2.9	12.7	51	ug/Kg
208-96-8	Acenaphthylene	16	JD	5.1	12.7	51	ug/Kg
83-32-9	Acenaphthene	21	JD	2.8	12.7	51	ug/Kg
86-73-7	Fluorene	22	JD	3.4	12.7	51	ug/Kg
87-86-5	Pentachlorophenol	31	U	31	25.8	100	ug/Kg
85-01-8	Phenanthrene	240	D	2.8	12.7	51	ug/Kg
120-12-7	Anthracene	69	D	2.6	12.7	51	ug/Kg
206-44-0	Fluoranthene	430	D	2.8	12.7	51	ug/Kg
129-00-0	Pyrene	280	D	3.7	12.7	51	ug/Kg
56-55-3	Benzo(a)anthracene	210	D	1.4	12.7	51	ug/Kg
218-01-9	Chrysene	170	D	3.8	12.7	51	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	D	7.2	12.7	51	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	D	4.9	12.7	51	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	4.9	12.7	51	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	D	8	12.7	51	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	JD	7.2	12.7	51	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	12	12.7	51	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.58		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.38		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3637		7.434			
1146-65-2	Naphthalene-d8	9880		10.222			
15067-26-2	Acenaphthene-d10	5436		14.086			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4DL	SDG No.:	BM061824
Lab Sample ID:	P2696-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	67.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046075.D	5	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10815	16.829				
1719-03-5	Chrysene-d12	8624	21.026				
1520-96-3	Perylene-d12	9685	23.121				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	14	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:	A4BJ2DL	SDG No.:	BM061824
Lab Sample ID:	P2695-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.3
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
BM046076.D	5	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.5	U	7.5	0	56	ug/Kg
91-20-3	Naphthalene	9.8	JD	1.7	6.9	28	ug/Kg
90-12-0	1-Methylnaphthalene	4.4	U	4.4	6.9	28	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	U	1.6	6.9	28	ug/Kg
208-96-8	Acenaphthylene	17	JD	2.8	6.9	28	ug/Kg
83-32-9	Acenaphthene	9.5	JD	1.5	6.9	28	ug/Kg
86-73-7	Fluorene	11	JD	1.8	6.9	28	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14	56	ug/Kg
85-01-8	Phenanthrene	170	D	1.5	6.9	28	ug/Kg
120-12-7	Anthracene	38	D	1.4	6.9	28	ug/Kg
206-44-0	Fluoranthene	320	D	1.5	6.9	28	ug/Kg
129-00-0	Pyrene	210	D	2	6.9	28	ug/Kg
56-55-3	Benzo(a)anthracene	150	D	0.78	6.9	28	ug/Kg
218-01-9	Chrysene	140	D	2.1	6.9	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	D	3.9	6.9	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	D	2.7	6.9	28	ug/Kg
50-32-8	Benzo(a)pyrene	91	D	2.7	6.9	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	D	4.4	6.9	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25	JD	3.9	6.9	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	6.3	6.9	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.935		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		20-140		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3835	7.434				
1146-65-2	Naphthalene-d8	10353	10.222				
15067-26-2	Acenaphthene-d10	5780	14.086				

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:	A4BJ2DL	SDG No.:	BM061824
Lab Sample ID:	P2695-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.3
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
BM046076.D	5	6/6/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11875	16.829				
1719-03-5	Chrysene-d12	10118	21.023				
1520-96-3	Perylene-d12	11618	23.118				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.5	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BJ0								
P2695-01	A4BJ0	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :				0.00				
P2695-01	A4BJ0	Solid	1-Methylnaphthalene		5.400	0.85	5.4	ug/Kg
P2695-01	A4BJ0	Solid	2-Methylnaphthalene		6.400	0.31	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Acenaphthene		24.000	0.29	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Acenaphthylene		8.600	0.54	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Anthracene		68.000	0.28	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Benzo(a)anthracene		130.000	E 0.15	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Benzo(a)pyrene		67.000	0.52	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Benzo(b)fluoranthene		160.000	E 0.77	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Benzo(g,h,i)perylene		7.100	1.2	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Benzo(k)fluoranthene		48.000	0.52	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Chrysene		100.000	E 0.41	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Dibenzo(a,h)anthracene		17.000	0.77	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Fluoranthene		260.000	E 0.29	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Fluorene		24.000	0.36	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Indeno(1,2,3-cd)pyrene		39.000	0.85	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Naphthalene		7.000	0.33	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Phenanthrene		270.000	E 0.29	5.4	ug/Kg
P2695-01	A4BJ0	Solid	Pyrene		180.000	E 0.39	5.4	ug/Kg
Total Svoc :				1,421.50				
Total Concentration:				1,421.50				
Client ID : A4BJ0DL								
P2695-01DL	A4BJ0DL	Solid	Total Alkanes	*	0.000	D 7.3	55	ug/Kg
Total Tics :				0.00				
P2695-01DL	A4BJ0DL	Solid	1-Methylnaphthalene		7.900	JD 4.2	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	2-Methylnaphthalene		8.200	JD 1.6	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Acenaphthene		34.000	D 1.5	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Acenaphthylene		13.000	JD 2.7	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Anthracene		96.000	D 1.4	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Benzo(a)anthracene		180.000	D 0.76	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Benzo(a)pyrene		90.000	D 2.6	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Benzo(b)fluoranthene		210.000	D 3.8	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Benzo(g,h,i)perylene		9.800	JD 6.1	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Benzo(k)fluoranthene		65.000	D 2.6	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Chrysene		140.000	D 2	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Dibenzo(a,h)anthracene		23.000	JD 3.8	27	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-01DL	A4BJ0DL	Solid	Fluoranthene	380.000	D	1.5	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Fluorene	31.000	D	1.8	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Indeno(1,2,3-cd)pyrene	52.000	D	4.2	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Naphthalene	10.000	JD	1.6	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Phenanthrene	390.000	D	1.5	27	ug/Kg
P2695-01DL	A4BJ0DL	Solid	Pyrene	270.000	D	2	27	ug/Kg
Total Svoc :				2,009.90				
Total Concentration:				2,009.90				
Client ID : A4BJ2								
P2695-02	A4BJ2	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :				0.00				
P2695-02	A4BJ2	Solid	1-Methylnaphthalene	2.300	J	0.87	5.5	ug/Kg
P2695-02	A4BJ2	Solid	2-Methylnaphthalene	3.200	J	0.32	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Acenaphthene	6.600		0.3	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Acenaphthylene	12.000		0.55	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Anthracene	28.000		0.28	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Benzo(a)anthracene	110.000	E	0.16	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Benzo(a)pyrene	68.000		0.54	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Benzo(b)fluoranthene	180.000	E	0.79	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Benzo(g,h,i)perylene	8.800		1.3	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Benzo(k)fluoranthene	58.000		0.54	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Chrysene	100.000	E	0.42	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Dibenzo(a,h)anthracene	20.000		0.79	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Fluoranthene	210.000	E	0.3	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Fluorene	7.300		0.37	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Indeno(1,2,3-cd)pyrene	50.000		0.87	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Naphthalene	7.300		0.34	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Phenanthrene	110.000	E	0.3	5.5	ug/Kg
P2695-02	A4BJ2	Solid	Pyrene	140.000	E	0.4	5.5	ug/Kg
Total Svoc :				1,121.50				
Total Concentration:				1,121.50				
Client ID : A4BJ2DL								
P2695-02DL	A4BJ2DL	Solid	Total Alkanes	*	0.000	D 7.5	56	ug/Kg
Total Tics :				0.00				
P2695-02DL	A4BJ2DL	Solid	Acenaphthene	9.500	JD	1.5	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Acenaphthylene	17.000	JD	2.8	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Anthracene	38.000	D	1.4	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Benzo(a)anthracene	150.000	D	0.78	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Benzo(a)pyrene	91.000	D	2.7	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Benzo(b)fluoranthene	250.000	D	3.9	28	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-02DL	A4BJ2DL	Solid	Benzo(g,h,i)perylene	11.000	JD	6.3	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Benzo(k)fluoranthene	73.000	D	2.7	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Chrysene	140.000	D	2.1	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Dibenzo(a,h)anthracene	25.000	JD	3.9	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Fluoranthene	320.000	D	1.5	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Fluorene	11.000	JD	1.8	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Indeno(1,2,3-cd)pyrene	63.000	D	4.4	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Naphthalene	9.800	JD	1.7	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Phenanthrene	170.000	D	1.5	28	ug/Kg
P2695-02DL	A4BJ2DL	Solid	Pyrene	210.000	D	2	28	ug/Kg
Total Svoc :				1,588.30				
Total Concentration:				1,588.30				

Client ID : A4BJ4

P2695-03	A4BJ4	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg	
Total Tics :					0.00				
P2695-03	A4BJ4	Solid	1-Methylnaphthalene		3.200	J	0.67	4.3	ug/Kg
P2695-03	A4BJ4	Solid	2-Methylnaphthalene		4.100	J	0.25	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Acenaphthene		11.000		0.23	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Acenaphthylene		18.000		0.43	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Anthracene		40.000		0.22	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Benzo(a)anthracene		140.000	E	0.12	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Benzo(a)pyrene		82.000	E	0.41	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Benzo(b)fluoranthene		200.000	E	0.61	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Benzo(g,h,i)perylene		9.600		0.97	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Benzo(k)fluoranthene		57.000		0.41	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Chrysene		110.000	E	0.32	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Dibenzo(a,h)anthracene		22.000		0.61	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Fluoranthene		250.000	E	0.23	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Fluorene		12.000		0.28	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Indeno(1,2,3-cd)pyrene		52.000		0.67	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Naphthalene		7.500		0.26	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Phenanthrene		160.000	E	0.23	4.3	ug/Kg
P2695-03	A4BJ4	Solid	Pyrene		170.000	E	0.31	4.3	ug/Kg
Total Svoc :					1,348.40				
Total Concentration:					1,348.40				

Client ID : A4BJ5

P2695-04	A4BJ5	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg	
Total Tics :					0.00				
P2695-04	A4BJ5	Solid	Benzo(a)anthracene		2.700	J	0.11	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Benzo(a)pyrene		2.700	J	0.37	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-04	A4BJ5	Solid	Benzo(b)fluoranthene	4.200		0.55	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Benzo(g,h,i)perylene	2.400	J	0.88	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Benzo(k)fluoranthene	2.100	J	0.37	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Chrysene	2.200	J	0.29	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Fluoranthene	4.400		0.21	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Indeno(1,2,3-cd)pyrene	2.100	J	0.61	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Phenanthrene	2.500	J	0.21	3.9	ug/Kg
P2695-04	A4BJ5	Solid	Pyrene	3.600	J	0.28	3.9	ug/Kg
Total Svoc :						28.90		
Total Concentration:						28.90		
Client ID : A4BJ7								
P2695-05	A4BJ7	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :						0.00		
P2695-05	A4BJ7	Solid	1-Methylnaphthalene	1.800	J	0.79	5	ug/Kg
P2695-05	A4BJ7	Solid	2-Methylnaphthalene	2.400	J	0.29	5	ug/Kg
P2695-05	A4BJ7	Solid	Acenaphthene	8.000		0.27	5	ug/Kg
P2695-05	A4BJ7	Solid	Acenaphthylene	12.000		0.5	5	ug/Kg
P2695-05	A4BJ7	Solid	Anthracene	35.000		0.26	5	ug/Kg
P2695-05	A4BJ7	Solid	Benzo(a)anthracene	160.000	E	0.14	5	ug/Kg
P2695-05	A4BJ7	Solid	Benzo(a)pyrene	94.000	E	0.49	5	ug/Kg
P2695-05	A4BJ7	Solid	Benzo(b)fluoranthene	260.000	E	0.71	5	ug/Kg
P2695-05	A4BJ7	Solid	Benzo(g,h,i)perylene	11.000		1.1	5	ug/Kg
P2695-05	A4BJ7	Solid	Benzo(k)fluoranthene	68.000		0.49	5	ug/Kg
P2695-05	A4BJ7	Solid	Chrysene	150.000	E	0.38	5	ug/Kg
P2695-05	A4BJ7	Solid	Dibenzo(a,h)anthracene	27.000		0.71	5	ug/Kg
P2695-05	A4BJ7	Solid	Fluoranthene	320.000	E	0.27	5	ug/Kg
P2695-05	A4BJ7	Solid	Fluorene	8.900		0.33	5	ug/Kg
P2695-05	A4BJ7	Solid	Indeno(1,2,3-cd)pyrene	64.000		0.79	5	ug/Kg
P2695-05	A4BJ7	Solid	Naphthalene	4.400	J	0.3	5	ug/Kg
P2695-05	A4BJ7	Solid	Phenanthrene	150.000	E	0.27	5	ug/Kg
P2695-05	A4BJ7	Solid	Pyrene	200.000	E	0.36	5	ug/Kg
Total Svoc :						1,576.50		
Total Concentration:						1,576.50		
Client ID : A4BJ8								
P2695-06	A4BJ8	Solid	Total Alkanes	*	0.000	1.3	9.8	ug/Kg
Total Tics :						0.00		
P2695-06	A4BJ8	Solid	1-Methylnaphthalene	1.600	J	0.76	4.8	ug/Kg
P2695-06	A4BJ8	Solid	2-Methylnaphthalene	2.200	J	0.28	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Acenaphthene	7.700		0.26	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Acenaphthylene	9.400		0.48	4.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-06	A4BJ8	Solid	Anthracene	29.000		0.25	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Benzo(a)anthracene	120.000	E	0.14	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Benzo(a)pyrene	67.000		0.47	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Benzo(b)fluoranthene	170.000	E	0.69	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Benzo(g,h,i)perylene	7.600		1.1	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Benzo(k)fluoranthene	51.000		0.47	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Chrysene	100.000	E	0.37	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Dibenzo(a,h)anthracene	19.000		0.69	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Fluoranthene	220.000	E	0.26	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Fluorene	8.700		0.32	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Indeno(1,2,3-cd)pyrene	43.000		0.76	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Naphthalene	4.000	J	0.29	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Phenanthrene	110.000	E	0.26	4.8	ug/Kg
P2695-06	A4BJ8	Solid	Pyrene	140.000	E	0.35	4.8	ug/Kg

Total Svoc : 1,110.20

Total Concentration: 1,110.20

Client ID : A4BJ9

P2695-07	A4BJ9	Solid	Total Alkanes	*	0.000	1.7	13	ug/Kg
Total Tics :					0.00			
P2695-07	A4BJ9	Solid	1-Methylnaphthalene		1.900	J	1	ug/Kg
P2695-07	A4BJ9	Solid	2-Methylnaphthalene		2.700	J	0.37	ug/Kg
P2695-07	A4BJ9	Solid	Acenaphthene		7.400		0.35	ug/Kg
P2695-07	A4BJ9	Solid	Acenaphthylene		8.600		0.65	ug/Kg
P2695-07	A4BJ9	Solid	Anthracene		26.000		0.33	ug/Kg
P2695-07	A4BJ9	Solid	Benzo(a)anthracene		93.000		0.18	ug/Kg
P2695-07	A4BJ9	Solid	Benzo(a)pyrene		59.000		0.63	ug/Kg
P2695-07	A4BJ9	Solid	Benzo(b)fluoranthene		150.000	E	0.92	ug/Kg
P2695-07	A4BJ9	Solid	Benzo(g,h,i)perylene		7.300		1.5	ug/Kg
P2695-07	A4BJ9	Solid	Benzo(k)fluoranthene		49.000		0.63	ug/Kg
P2695-07	A4BJ9	Solid	Chrysene		85.000		0.49	ug/Kg
P2695-07	A4BJ9	Solid	Dibenzo(a,h)anthracene		16.000		0.92	ug/Kg
P2695-07	A4BJ9	Solid	Fluoranthene		200.000	E	0.35	ug/Kg
P2695-07	A4BJ9	Solid	Fluorene		8.300		0.43	ug/Kg
P2695-07	A4BJ9	Solid	Indeno(1,2,3-cd)pyrene		39.000		1	ug/Kg
P2695-07	A4BJ9	Solid	Naphthalene		5.200	J	0.39	ug/Kg
P2695-07	A4BJ9	Solid	Phenanthrene		120.000	E	0.35	ug/Kg
P2695-07	A4BJ9	Solid	Pyrene		130.000	E	0.47	ug/Kg

Total Svoc : 1,008.40

Total Concentration: 1,008.40

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SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BK1								
P2695-08	A4BK1	Solid	Total Alkanes	*	0.000	2.1	15	ug/Kg
			Total Tics :			0.00		
P2695-08	A4BK1	Solid	1-Methylnaphthalene		2.100 J	1.2	7.6	ug/Kg
P2695-08	A4BK1	Solid	2-Methylnaphthalene		3.100 J	0.44	7.6	ug/Kg
P2695-08	A4BK1	Solid	Acenaphthene		8.800	0.42	7.6	ug/Kg
P2695-08	A4BK1	Solid	Acenaphthylene		11.000	0.76	7.6	ug/Kg
P2695-08	A4BK1	Solid	Anthracene		38.000	0.39	7.6	ug/Kg
P2695-08	A4BK1	Solid	Benzo(a)anthracene		160.000 E	0.21	7.6	ug/Kg
P2695-08	A4BK1	Solid	Benzo(a)pyrene		100.000	0.74	7.6	ug/Kg
P2695-08	A4BK1	Solid	Benzo(b)fluoranthene		290.000 E	1.1	7.6	ug/Kg
P2695-08	A4BK1	Solid	Benzo(g,h,i)perylene		13.000	1.7	7.6	ug/Kg
P2695-08	A4BK1	Solid	Benzo(k)fluoranthene		85.000	0.74	7.6	ug/Kg
P2695-08	A4BK1	Solid	Chrysene		160.000 E	0.58	7.6	ug/Kg
P2695-08	A4BK1	Solid	Dibenzo(a,h)anthracene		29.000	1.1	7.6	ug/Kg
P2695-08	A4BK1	Solid	Fluoranthene		360.000 E	0.42	7.6	ug/Kg
P2695-08	A4BK1	Solid	Fluorene		11.000	0.51	7.6	ug/Kg
P2695-08	A4BK1	Solid	Indeno(1,2,3-cd)pyrene		72.000	1.2	7.6	ug/Kg
P2695-08	A4BK1	Solid	Naphthalene		6.200 J	0.46	7.6	ug/Kg
P2695-08	A4BK1	Solid	Phenanthrene		180.000 E	0.42	7.6	ug/Kg
P2695-08	A4BK1	Solid	Pyrene		220.000 E	0.55	7.6	ug/Kg
			Total Svoc :			1,749.20		
			Total Concentration:			1,749.20		
Client ID : A4BK2								
P2695-09	A4BK2	Solid	Total Alkanes	*	0.000	2	15	ug/Kg
			Total Tics :			0.00		
P2695-09	A4BK2	Solid	1-Methylnaphthalene		4.100 J	1.2	7.5	ug/Kg
P2695-09	A4BK2	Solid	2-Methylnaphthalene		5.600 J	0.43	7.5	ug/Kg
P2695-09	A4BK2	Solid	Acenaphthene		17.000	0.41	7.5	ug/Kg
P2695-09	A4BK2	Solid	Acenaphthylene		24.000	0.75	7.5	ug/Kg
P2695-09	A4BK2	Solid	Anthracene		52.000	0.39	7.5	ug/Kg
P2695-09	A4BK2	Solid	Benzo(a)anthracene		180.000 E	0.21	7.5	ug/Kg
P2695-09	A4BK2	Solid	Benzo(a)pyrene		100.000	0.73	7.5	ug/Kg
P2695-09	A4BK2	Solid	Benzo(b)fluoranthene		280.000 E	1.1	7.5	ug/Kg
P2695-09	A4BK2	Solid	Benzo(g,h,i)perylene		12.000	1.7	7.5	ug/Kg
P2695-09	A4BK2	Solid	Benzo(k)fluoranthene		82.000	0.73	7.5	ug/Kg
P2695-09	A4BK2	Solid	Chrysene		170.000 E	0.57	7.5	ug/Kg
P2695-09	A4BK2	Solid	Dibenzo(a,h)anthracene		27.000	1.1	7.5	ug/Kg
P2695-09	A4BK2	Solid	Fluoranthene		500.000 E	0.41	7.5	ug/Kg
P2695-09	A4BK2	Solid	Fluorene		20.000	0.5	7.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-09	A4BK2	Solid	Indeno(1,2,3-cd)pyrene	65.000		1.2	7.5	ug/Kg
P2695-09	A4BK2	Solid	Naphthalene	11.000		0.46	7.5	ug/Kg
P2695-09	A4BK2	Solid	Phenanthrene	260.000	E	0.41	7.5	ug/Kg
P2695-09	A4BK2	Solid	Pyrene	300.000	E	0.55	7.5	ug/Kg
Total Svoc :				2,109.70				
Total Concentration:				2,109.70				
Client ID : A4BK3								
P2695-10	A4BK3	Solid	Total Alkanes	*	0.000	1.9	14	ug/Kg
Total Tics :				0.00				
P2695-10	A4BK3	Solid	1-Methylnaphthalene	3.200	J	1.1	7	ug/Kg
P2695-10	A4BK3	Solid	2-Methylnaphthalene	4.300	J	0.4	7	ug/Kg
P2695-10	A4BK3	Solid	Acenaphthene	13.000		0.38	7	ug/Kg
P2695-10	A4BK3	Solid	Acenaphthylene	17.000		0.7	7	ug/Kg
P2695-10	A4BK3	Solid	Anthracene	50.000		0.36	7	ug/Kg
P2695-10	A4BK3	Solid	Benzo(a)anthracene	200.000	E	0.2	7	ug/Kg
P2695-10	A4BK3	Solid	Benzo(a)pyrene	110.000	E	0.68	7	ug/Kg
P2695-10	A4BK3	Solid	Benzo(b)fluoranthene	310.000	E	1	7	ug/Kg
P2695-10	A4BK3	Solid	Benzo(g,h,i)perylene	13.000		1.6	7	ug/Kg
P2695-10	A4BK3	Solid	Benzo(k)fluoranthene	87.000		0.68	7	ug/Kg
P2695-10	A4BK3	Solid	Chrysene	180.000	E	0.53	7	ug/Kg
P2695-10	A4BK3	Solid	Dibenzo(a,h)anthracene	32.000		1	7	ug/Kg
P2695-10	A4BK3	Solid	Fluoranthene	410.000	E	0.38	7	ug/Kg
P2695-10	A4BK3	Solid	Fluorene	15.000		0.47	7	ug/Kg
P2695-10	A4BK3	Solid	Indeno(1,2,3-cd)pyrene	75.000		1.1	7	ug/Kg
P2695-10	A4BK3	Solid	Naphthalene	8.200		0.43	7	ug/Kg
P2695-10	A4BK3	Solid	Phenanthrene	210.000	E	0.38	7	ug/Kg
P2695-10	A4BK3	Solid	Pyrene	260.000	E	0.51	7	ug/Kg
Total Svoc :				1,997.70				
Total Concentration:				1,997.70				
Client ID : A4BK5								
P2695-11	A4BK5	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :				0.00				
P2695-11	A4BK5	Solid	1-Methylnaphthalene	3.700	J	0.86	5.4	ug/Kg
P2695-11	A4BK5	Solid	2-Methylnaphthalene	5.400		0.31	5.4	ug/Kg
P2695-11	A4BK5	Solid	Acenaphthene	13.000		0.3	5.4	ug/Kg
P2695-11	A4BK5	Solid	Acenaphthylene	23.000		0.54	5.4	ug/Kg
P2695-11	A4BK5	Solid	Anthracene	110.000	E	0.28	5.4	ug/Kg
P2695-11	A4BK5	Solid	Benzo(a)anthracene	360.000	E	0.15	5.4	ug/Kg
P2695-11	A4BK5	Solid	Benzo(a)pyrene	150.000	E	0.53	5.4	ug/Kg
P2695-11	A4BK5	Solid	Benzo(b)fluoranthene	340.000	E	0.77	5.4	ug/Kg

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SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-11	A4BK5	Solid	Benzo(g,h,i)perylene	12.000		1.2	5.4	ug/Kg
P2695-11	A4BK5	Solid	Benzo(k)fluoranthene	110.000	E	0.53	5.4	ug/Kg
P2695-11	A4BK5	Solid	Chrysene	260.000	E	0.41	5.4	ug/Kg
P2695-11	A4BK5	Solid	Dibenzo(a,h)anthracene	35.000		0.77	5.4	ug/Kg
P2695-11	A4BK5	Solid	Fluoranthene	700.000	E	0.3	5.4	ug/Kg
P2695-11	A4BK5	Solid	Fluorene	20.000		0.36	5.4	ug/Kg
P2695-11	A4BK5	Solid	Indeno(1,2,3-cd)pyrene	75.000		0.86	5.4	ug/Kg
P2695-11	A4BK5	Solid	Naphthalene	10.000		0.33	5.4	ug/Kg
P2695-11	A4BK5	Solid	Phenanthrene	340.000	E	0.3	5.4	ug/Kg
P2695-11	A4BK5	Solid	Pyrene	450.000	E	0.39	5.4	ug/Kg
Total Svoc :				3,017.10				
Total Concentration:				3,017.10				

Client ID : A4BK9

P2695-12	A4BK9	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :				0.00				
P2695-12	A4BK9	Solid	1-Methylnaphthalene		1.300	J 0.85	5.4	ug/Kg
P2695-12	A4BK9	Solid	2-Methylnaphthalene		1.900	J 0.31	5.4	ug/Kg
P2695-12	A4BK9	Solid	Acenaphthene		3.300	J 0.3	5.4	ug/Kg
P2695-12	A4BK9	Solid	Acenaphthylene		4.800	J 0.54	5.4	ug/Kg
P2695-12	A4BK9	Solid	Anthracene		10.000	0.28	5.4	ug/Kg
P2695-12	A4BK9	Solid	Benzo(a)anthracene		35.000	0.15	5.4	ug/Kg
P2695-12	A4BK9	Solid	Benzo(a)pyrene		25.000	0.53	5.4	ug/Kg
P2695-12	A4BK9	Solid	Benzo(b)fluoranthene		63.000	0.77	5.4	ug/Kg
P2695-12	A4BK9	Solid	Benzo(g,h,i)perylene		3.500	J 1.2	5.4	ug/Kg
P2695-12	A4BK9	Solid	Benzo(k)fluoranthene		19.000	0.53	5.4	ug/Kg
P2695-12	A4BK9	Solid	Chrysene		34.000	0.41	5.4	ug/Kg
P2695-12	A4BK9	Solid	Dibenzo(a,h)anthracene		6.500	0.77	5.4	ug/Kg
P2695-12	A4BK9	Solid	Fluoranthene		77.000	0.3	5.4	ug/Kg
P2695-12	A4BK9	Solid	Fluorene		3.400	J 0.36	5.4	ug/Kg
P2695-12	A4BK9	Solid	Indeno(1,2,3-cd)pyrene		17.000	0.85	5.4	ug/Kg
P2695-12	A4BK9	Solid	Naphthalene		3.100	J 0.33	5.4	ug/Kg
P2695-12	A4BK9	Solid	Phenanthrene		45.000	0.3	5.4	ug/Kg
P2695-12	A4BK9	Solid	Pyrene		52.000	0.39	5.4	ug/Kg
Total Svoc :				404.80				
Total Concentration:				404.80				

Client ID : A4BL1

P2695-13	A4BL1	Solid	Total Alkanes	*	0.000	2	15	ug/Kg
Total Tics :				0.00				
P2695-13	A4BL1	Solid	1-Methylnaphthalene		1.900	J 1.1	7.3	ug/Kg
P2695-13	A4BL1	Solid	2-Methylnaphthalene		2.400	J 0.42	7.3	ug/Kg

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SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-13	A4BL1	Solid	Acenaphthene	6.600	J	0.4	7.3	ug/Kg
P2695-13	A4BL1	Solid	Acenaphthylene	7.500		0.73	7.3	ug/Kg
P2695-13	A4BL1	Solid	Anthracene	21.000		0.37	7.3	ug/Kg
P2695-13	A4BL1	Solid	Benzo(a)anthracene	81.000		0.21	7.3	ug/Kg
P2695-13	A4BL1	Solid	Benzo(a)pyrene	48.000		0.71	7.3	ug/Kg
P2695-13	A4BL1	Solid	Benzo(b)fluoranthene	130.000	E	1	7.3	ug/Kg
P2695-13	A4BL1	Solid	Benzo(g,h,i)perylene	5.600	J	1.7	7.3	ug/Kg
P2695-13	A4BL1	Solid	Benzo(k)fluoranthene	38.000		0.71	7.3	ug/Kg
P2695-13	A4BL1	Solid	Chrysene	75.000		0.55	7.3	ug/Kg
P2695-13	A4BL1	Solid	Dibenzo(a,h)anthracene	13.000		1	7.3	ug/Kg
P2695-13	A4BL1	Solid	Fluoranthene	180.000	E	0.4	7.3	ug/Kg
P2695-13	A4BL1	Solid	Fluorene	7.400		0.49	7.3	ug/Kg
P2695-13	A4BL1	Solid	Indeno(1,2,3-cd)pyrene	33.000		1.1	7.3	ug/Kg
P2695-13	A4BL1	Solid	Naphthalene	4.900	J	0.44	7.3	ug/Kg
P2695-13	A4BL1	Solid	Phenanthrene	93.000		0.4	7.3	ug/Kg
P2695-13	A4BL1	Solid	Pyrene	110.000		0.53	7.3	ug/Kg
Total Svoc :				858.30				
Total Concentration:				858.30				

Client ID : A4BL3

P2695-14	A4BL3	Solid	Total Alkanes	*	0.000	2.3	17	ug/Kg	
Total Tics :					0.00				
P2695-14	A4BL3	Solid	2-Methylnaphthalene		2.100	J	0.49	8.5	ug/Kg
P2695-14	A4BL3	Solid	Acenaphthene		7.200	J	0.46	8.5	ug/Kg
P2695-14	A4BL3	Solid	Acenaphthylene		6.600	J	0.85	8.5	ug/Kg
P2695-14	A4BL3	Solid	Anthracene		23.000		0.44	8.5	ug/Kg
P2695-14	A4BL3	Solid	Benzo(a)anthracene		88.000		0.24	8.5	ug/Kg
P2695-14	A4BL3	Solid	Benzo(a)pyrene		54.000		0.82	8.5	ug/Kg
P2695-14	A4BL3	Solid	Benzo(b)fluoranthene		160.000	E	1.2	8.5	ug/Kg
P2695-14	A4BL3	Solid	Benzo(g,h,i)perylene		6.900	J	1.9	8.5	ug/Kg
P2695-14	A4BL3	Solid	Benzo(k)fluoranthene		44.000		0.82	8.5	ug/Kg
P2695-14	A4BL3	Solid	Chrysene		84.000		0.64	8.5	ug/Kg
P2695-14	A4BL3	Solid	Dibenzo(a,h)anthracene		16.000		1.2	8.5	ug/Kg
P2695-14	A4BL3	Solid	Fluoranthene		210.000	E	0.46	8.5	ug/Kg
P2695-14	A4BL3	Solid	Fluorene		7.900	J	0.57	8.5	ug/Kg
P2695-14	A4BL3	Solid	Indeno(1,2,3-cd)pyrene		39.000		1.3	8.5	ug/Kg
P2695-14	A4BL3	Solid	Naphthalene		4.500	J	0.52	8.5	ug/Kg
P2695-14	A4BL3	Solid	Phenanthrene		110.000		0.46	8.5	ug/Kg
P2695-14	A4BL3	Solid	Pyrene		130.000		0.62	8.5	ug/Kg
Total Svoc :					993.20				

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SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				993.20				
Client ID : A4BN3								
P2695-25	A4BN3	Solid	Total Alkanes	*	0.000	2.4	18	ug/Kg
Total Tics :				0.00				
P2695-25	A4BN3	Solid	1-Methylnaphthalene		5.100	J 1.4	8.9	ug/Kg
P2695-25	A4BN3	Solid	2-Methylnaphthalene		7.500	J 0.51	8.9	ug/Kg
P2695-25	A4BN3	Solid	Acenaphthene		21.000	0.49	8.9	ug/Kg
P2695-25	A4BN3	Solid	Acenaphthylene		27.000	0.89	8.9	ug/Kg
P2695-25	A4BN3	Solid	Anthracene		76.000	0.46	8.9	ug/Kg
P2695-25	A4BN3	Solid	Benzo(a)anthracene		310.000	E 0.25	8.9	ug/Kg
P2695-25	A4BN3	Solid	Benzo(a)pyrene		170.000	E 0.87	8.9	ug/Kg
P2695-25	A4BN3	Solid	Benzo(b)fluoranthene		510.000	E 1.3	8.9	ug/Kg
P2695-25	A4BN3	Solid	Benzo(g,h,i)perylene		20.000	2	8.9	ug/Kg
P2695-25	A4BN3	Solid	Benzo(k)fluoranthene		150.000	E 0.87	8.9	ug/Kg
P2695-25	A4BN3	Solid	Chrysene		290.000	E 0.68	8.9	ug/Kg
P2695-25	A4BN3	Solid	Dibenzo(a,h)anthracene		52.000	1.3	8.9	ug/Kg
P2695-25	A4BN3	Solid	Fluoranthene		650.000	E 0.49	8.9	ug/Kg
P2695-25	A4BN3	Solid	Fluorene		24.000	0.6	8.9	ug/Kg
P2695-25	A4BN3	Solid	Indeno(1,2,3-cd)pyrene		120.000	1.4	8.9	ug/Kg
P2695-25	A4BN3	Solid	Naphthalene		14.000	0.54	8.9	ug/Kg
P2695-25	A4BN3	Solid	Phenanthrene		340.000	E 0.49	8.9	ug/Kg
P2695-25	A4BN3	Solid	Pyrene		390.000	E 0.65	8.9	ug/Kg
Total Svoc :				3,176.60				
Total Concentration:				3,176.60				
Client ID : A4BK6								
P2696-03	A4BK6	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P2696-03	A4BK6	Solid	Benzo(a)anthracene		2.000	J 0.1	3.7	ug/Kg
P2696-03	A4BK6	Solid	Benzo(a)pyrene		1.900	J 0.36	3.7	ug/Kg
P2696-03	A4BK6	Solid	Benzo(b)fluoranthene		3.100	J 0.53	3.7	ug/Kg
P2696-03	A4BK6	Solid	Benzo(g,h,i)perylene		1.500	J 0.84	3.7	ug/Kg
P2696-03	A4BK6	Solid	Benzo(k)fluoranthene		1.200	J 0.36	3.7	ug/Kg
P2696-03	A4BK6	Solid	Chrysene		1.700	J 0.28	3.7	ug/Kg
P2696-03	A4BK6	Solid	Fluoranthene		3.600	J 0.2	3.7	ug/Kg
P2696-03	A4BK6	Solid	Indeno(1,2,3-cd)pyrene		1.200	J 0.58	3.7	ug/Kg
P2696-03	A4BK6	Solid	Phenanthrene		1.300	J 0.2	3.7	ug/Kg
P2696-03	A4BK6	Solid	Pyrene		2.900	J 0.27	3.7	ug/Kg
Total Svoc :				20.40				
Total Concentration:				20.40				

Hit Summary Sheet SW-846

SDG No.: BM061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BN4DL								
P2696-06DL	A4BN4DL	Solid	Total Alkanes	*	0.000	D 14	100	ug/Kg
			Total Tics :			0.00		
P2696-06DL	A4BN4DL	Solid	Acenaphthene	21.000	JD	2.8	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Acenaphthylene	16.000	JD	5.1	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Anthracene	69.000	D	2.6	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Benzo(a)anthracene	210.000	D	1.4	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Benzo(a)pyrene	110.000	D	4.9	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Benzo(b)fluoranthene	300.000	D	7.2	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Benzo(g,h,i)perylene	14.000	JD	12	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Benzo(k)fluoranthene	100.000	D	4.9	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Chrysene	170.000	D	3.8	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Dibenzo(a,h)anthracene	30.000	JD	7.2	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Fluoranthene	430.000	D	2.8	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Fluorene	22.000	JD	3.4	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Indeno(1,2,3-cd)pyrene	72.000	D	8	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Phenanthrene	240.000	D	2.8	51	ug/Kg
P2696-06DL	A4BN4DL	Solid	Pyrene	280.000	D	3.7	51	ug/Kg
			Total Svoc :			2,084.00		
			Total Concentration:			2,084.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4017

Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BM046045.D

Time Analyzed: 13:55

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	SICV021	2735	7.46	7529	10.25	4057	14.11
02	SBLK358	3101	7.43	8564	10.21	4449	14.09
03	SBLK358	3081	7.43	8244	10.21	4285	14.09
04	A4BJ0	3390	7.43	9315	10.21	4876	14.09
05	A4BJ2	3338	7.43	8963	10.21	4684	14.09
06	A4BJ4	2971	7.43	8113	10.21	4341	14.09
07	A4BJ5	3248	7.43	9137	10.20	4837	14.08
08	A4BJ7	4572 *	7.43	12804 *	10.21	6590	14.09
09	A4BJ8	3558	7.43	10100	10.20	5320	14.08
10	A4BJ9	3499	7.43	9975	10.20	5453	14.08
11	A4BK1	3190	7.43	8990	10.21	4682	14.08
12	A4BK2	3939	7.43	11186	10.20	5990	14.08
13	A4BK3	4808 *	7.43	13831 *	10.20	7375 *	14.08
14	A4BK5	4867 *	7.43	13774 *	10.21	7496 *	14.08
15	A4BK9	3425	7.43	9672	10.20	5178	14.08
16	A4BL1	3561	7.43	10248	10.20	5536	14.08
17	SBLK389	4191	7.43	11775	10.20	6089	14.08
18	A4BN3	3735	7.43	10434	10.20	5576	14.08
19	A4BN3MS	3999	7.44	11538	10.22	6436	14.08
20	A4BN3MSD	4157	7.45	11829	10.22	6575	14.09
21	A4BK6	4090	7.43	11232	10.21	5983	14.08
22	A4BL3	4701 *	7.43	13313 *	10.20	6963 *	14.08
23	SLCS358	3781	7.45	11287	10.23	6312	14.10

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 05:42

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	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 A4BJ0DL	3300	7.44	9035	10.23	5005	14.09
25 A4BN4DL	3637	7.43	9880	10.22	5436	14.09
26 A4BJ2DL	3835	7.43	10353	10.22	5780	14.09

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.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4128 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BM046051.D Time Analyzed: 15:45

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	1736	7.464	5155	10.27	3027	14.12
UPPER LIMIT	3472	7.964	10310	10.766	6054	14.623
LOWER LIMIT	868	6.964	2577.5	9.766	1513.5	13.623
EPA SAMPLE NO.						
01 SBLK358	3081	7.43	8244	10.21	4285	14.09
02 A4BJ0	3390	7.43	9315	10.21	4876	14.09
03 A4BJ2	3338	7.43	8963	10.21	4684	14.09
04 A4BJ4	2971	7.43	8113	10.21	4341	14.09
05 A4BJ5	3248	7.43	9137	10.20	4837	14.08
06 A4BJ7	4572 *	7.43	12804 *	10.21	6590 *	14.09
07 A4BJ8	3558 *	7.43	10100	10.20	5320	14.08
08 A4BJ9	3499 *	7.43	9975	10.20	5453	14.08
09 A4BK1	3190	7.43	8990	10.21	4682	14.08
10 A4BK2	3939 *	7.43	11186 *	10.20	5990	14.08
11 A4BK3	4808 *	7.43	13831 *	10.20	7375 *	14.08
12 A4BK5	4867 *	7.43	13774 *	10.21	7496 *	14.08
13 A4BK9	3425	7.43	9672	10.20	5178	14.08
14 A4BL1	3561 *	7.43	10248	10.20	5536	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.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4129 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BM046066.D Time Analyzed: 01:30

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2588	7.468	7812	10.24	4429	14.10
UPPER LIMIT	5176	7.968	15624	10.744	8858	14.604
LOWER LIMIT	1294	6.968	3906	9.744	2214.5	13.604
EPA SAMPLE NO.						
01 SBLK389	4191	7.43	11775	10.20	6089	14.08
02 A4BN3	3735	7.43	10434	10.20	5576	14.08
03 A4BN3MS	3999	7.44	11538	10.22	6436	14.08
04 A4BN3MSD	4157	7.45	11829	10.22	6575	14.09
05 A4BK6	4090	7.43	11232	10.21	5983	14.08
06 A4BL3	4701	7.43	13313	10.20	6963	14.08
07 SLCS358	3781	7.45	11287	10.23	6312	14.10
08 A4BJ0DL	3300	7.44	9035	10.23	5005	14.09
09 A4BN4DL	3637	7.43	9880	10.22	5436	14.09
10 A4BJ2DL	3835	7.43	10353	10.22	5780	14.09

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.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 13:55

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	SICV021	7866	16.86	7001	21.04	10584	23.14
02	SBLK358	9446	16.83	7301	21.05	8443	23.13
03	SBLK358	8984	16.83	6716	21.05	7584	23.13
04	A4BJ0	10446	16.83	8913	21.02	10591	23.13
05	A4BJ2	9936	16.83	8698	21.02	10410	23.12
06	A4BJ4	9243	16.83	8278	21.02	9971	23.12
07	A4BJ5	10256	16.82	8447	21.03	9266	23.13
08	A4BJ7	13877 *	16.83	12107 *	21.02	15586 *	23.12
09	A4BJ8	11111	16.83	9596	21.02	11338	23.12
10	A4BJ9	11684	16.82	9980	21.02	10999	23.12
11	A4BK1	9830	16.82	8671	21.02	10388	23.12
12	A4BK2	13165	16.82	10753	21.02	12136	23.12
13	A4BK3	15918 *	16.82	12756 *	21.02	14820	23.12
14	A4BK5	16307 *	16.82	12463 *	21.02	15291	23.12
15	A4BK9	11063	16.82	9320	21.02	10196	23.12
16	A4BL1	11920	16.82	9614	21.02	10530	23.12
17	SBLK389	13162	16.82	9799	21.04	10365	23.12
18	A4BN3	11955	16.82	9714	21.02	11024	23.11
19	A4BN3MS	13921 *	16.83	11655 *	21.02	15357	23.12
20	A4BN3MSD	13934 *	16.83	11234 *	21.02	14980	23.12
21	A4BK6	12661	16.83	10382	21.03	11772	23.12

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 04:30

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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 A4BL3	14845 *	16.82	11781 *	21.02	12592	23.12
23 SLCS358	12165	16.85	9389	21.04	12500	23.13
24 A4BJ0DL	10131	16.83	8678	21.03	10059	23.12
25 A4BN4DL	10815	16.83	8624	21.03	9685	23.12
26 A4BJ2DL	11875	16.83	10118	21.02	11618	23.12

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4128 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BM046051.D Time Analyzed: 15:45

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	6203	5468	21.046	7765	23.148
	UPPER LIMIT	12406	10936	21.546	15530	23.648
	LOWER LIMIT	3101.5	2734	20.546	3882.5	22.648
	EPA SAMPLE NO.					
01	SBLK358	8984	6716	21.05	7584	23.13
02	A4BJ0	10446	8913	21.02	10591	23.13
03	A4BJ2	9936	8698	21.02	10410	23.12
04	A4BJ4	9243	8278	21.02	9971	23.12
05	A4BJ5	10256	8447	21.03	9266	23.13
06	A4BJ7	13877 *	12107 *	21.02	15586 *	23.12
07	A4BJ8	11111	9596	21.02	11338	23.12
08	A4BJ9	11684	9980	21.02	10999	23.12
09	A4BK1	9830	8671	21.02	10388	23.12
10	A4BK2	13165 *	10753	21.02	12136	23.12
11	A4BK3	15918 *	12756 *	21.02	14820	23.12
12	A4BK5	16307 *	12463 *	21.02	15291	23.12
13	A4BK9	11063	9320	21.02	10196	23.12
14	A4BL1	11920	9614	21.02	10530	23.12

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061824 SAS No.: BM061824 SDG NO.: BM061824

EPA Sample No.: SSTD0.4129 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BM046066.D Time Analyzed: 01:30

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8752	16.858	6997	21.038	9433	23.133
	UPPER LIMIT	17504	17.358	13994	21.538	18866	23.633
	LOWER LIMIT	4376	16.358	3498.5	20.538	4716.5	22.633
	EPA SAMPLE NO.						
01	SBLK389	13162	16.82	9799	21.04	10365	23.12
02	A4BN3	11955	16.82	9714	21.02	11024	23.11
03	A4BN3MS	13921	16.83	11655	21.02	15357	23.12
04	A4BN3MSD	13934	16.83	11234	21.02	14980	23.12
05	A4BK6	12661	16.83	10382	21.03	11772	23.12
06	A4BL3	14845	16.82	11781	21.02	12592	23.12
07	SLCS358	12165	16.85	9389	21.04	12500	23.13
08	A4BJ0DL	10131	16.83	8678	21.03	10059	23.12
09	A4BN4DL	10815	16.83	8624	21.03	9685	23.12
10	A4BJ2DL	11875	16.83	10118	21.02	11618	23.12

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161358BS	1,4-Dioxane	66.7	46	ug/Kg	69				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	Acenaphthylene	13.3	12	ug/Kg	90				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	12	ug/Kg	90				0	0		
	Pentachlorophenol	26.7	16	ug/Kg	60				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	12	ug/Kg	90				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(g,h,i)perylene	13.3	10	ug/Kg	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK358

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061824

SAS No.: BM061824 SDG NO.: BM061824

Lab File ID: BM046050.D

Lab Sample ID: PB161358BL

Instrument ID: BNA_M

Date Extracted: 06/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/18/2024

Level: (low/med) LOW

Time Analyzed: 14:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BJ0	P2695-01	BM046053.D	06/18/2024
A4BJ2	P2695-02	BM046054.D	06/18/2024
A4BJ4	P2695-03	BM046055.D	06/18/2024
A4BJ5	P2695-04	BM046056.D	06/18/2024
A4BJ7	P2695-05	BM046057.D	06/18/2024
A4BJ8	P2695-06	BM046058.D	06/18/2024
A4BJ9	P2695-07	BM046059.D	06/18/2024
A4BK1	P2695-08	BM046060.D	06/18/2024
A4BK2	P2695-09	BM046061.D	06/18/2024
A4BK3	P2695-10	BM046062.D	06/18/2024
A4BK5	P2695-11	BM046063.D	06/18/2024
A4BK9	P2695-12	BM046064.D	06/18/2024
A4BL1	P2695-13	BM046065.D	06/18/2024
A4BN3	P2695-25	BM046068.D	06/19/2024
A4BN3MS	P2695-26MS	BM046069.D	06/19/2024
A4BN3MSD	P2695-27MSD	BM046070.D	06/19/2024
A4BL3	P2695-14	BM046072.D	06/19/2024
PB161358BS	PB161358BS	BM046073.D	06/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061824

SAS No.: BM061824 SDG NO.: BM061824

Lab File ID: BM046067.D

Lab Sample ID: PB161389BL

Instrument ID: BNA_M

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/19/2024

Level: (low/med) LOW

Time Analyzed: 01:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BK6	P2696-03	BM046071.D	06/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM061824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2695-26MS		Client Sample ID: A4BN3MS		DataFile: BM046069.D							
1,4-Dioxane	180		98	ug/Kg	54				15	120	
Naphthalene	36.1	14	38	ug/Kg	66				0	0	
1-Methylnaphthalene	36.1	5.1	32	ug/Kg	75				0	0	
2-Methylnaphthalene	36.1	7.5	36	ug/Kg	79				0	0	
Acenaphthylene	36.1	27	50	ug/Kg	64				0	0	
Acenaphthene	36.1	21	46	ug/Kg	69				31	137	
Fluorene	36.1	24	49	ug/Kg	69				0	0	
Pentachlorophenol	72.2		40	ug/Kg	55				17	109	
Phenanthrene	36.1	340	270	ug/Kg	-194				0	0	
Anthracene	36.1	76	91	ug/Kg	42				0	0	
Fluoranthene	36.1	650	540	ug/Kg	-305				0	0	
Pyrene	36.1	390	350	ug/Kg	-111	*			35	142	
Benzo(a)anthracene	36.1	310	280	ug/Kg	-83				0	0	
Chrysene	36.1	290	250	ug/Kg	-111				0	0	
Benzo(b)fluoranthene	36.1	510	370	ug/Kg	-388				0	0	
Benzo(k)fluoranthene	36.1	150	150	ug/Kg	0				0	0	
Benzo(a)pyrene	36.1	170	140	ug/Kg	-83				0	0	
Indeno(1,2,3-cd)pyrene	36.1	120	100	ug/Kg	-55				0	0	
Dibenzo(a,h)anthracene	36.1	52	63	ug/Kg	30				0	0	
Benzo(g,h,i)perylene	36.1	20	18	ug/Kg	-6				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM061824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2695-27MSD	Client Sample ID:	A4BN3MSD					DataFile:	BM046070.D		
1,4-Dioxane	180		84	ug/Kg	47		14		15	120	50
Naphthalene	36.1	14	32	ug/Kg	50		28	*	0	0	0
1-Methylnaphthalene	36.1	5.1	27	ug/Kg	61		21	*	0	0	0
2-Methylnaphthalene	36.1	7.5	30	ug/Kg	62		24	*	0	0	0
Acenaphthylene	36.1	27	41	ug/Kg	39		49	*	0	0	0
Acenaphthene	36.1	21	39	ug/Kg	50		32	*	31	137	19
Fluorene	36.1	24	41	ug/Kg	47		38	*	0	0	0
Pentachlorophenol	72.3		33	ug/Kg	46		18		17	109	47
Phenanthrene	36.1	340	220	ug/Kg	-332		52	*	0	0	0
Anthracene	36.1	76	74	ug/Kg	-6		267	*	0	0	0
Fluoranthene	36.1	650	460	ug/Kg	-526		53	*	0	0	0
Pyrene	36.1	390	300	ug/Kg	-249	*	77	*	35	142	36
Benzo(a)anthracene	36.1	310	240	ug/Kg	-194		80	*	0	0	0
Chrysene	36.1	290	210	ug/Kg	-222		67	*	0	0	0
Benzo(b)fluoranthene	36.1	510	310	ug/Kg	-554		35	*	0	0	0
Benzo(k)fluoranthene	36.1	150	120	ug/Kg	-83		200	*	0	0	0
Benzo(a)pyrene	36.1	170	120	ug/Kg	-139		50	*	0	0	0
Indeno(1,2,3-cd)pyrene	36.1	120	84	ug/Kg	-100		58	*	0	0	0
Dibenzo(a,h)anthracene	36.1	52	52	ug/Kg	0		200	*	0	0	0
Benzo(g,h,i)perylene	36.1	20	15	ug/Kg	-14		80	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM061824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2695-01	A4BJ0	BM046053.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2695-01DL	A4BJ0DL	BM046074.D	1,4-Dioxane-d8	8	4.44	56		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P2695-02	A4BJ2	BM046054.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2695-02DL	A4BJ2DL	BM046076.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		20	140
P2695-03	A4BJ4	BM046055.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P2695-04	A4BJ5	BM046056.D	1,4-Dioxane-d8	8	6.17	77		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.45	113		20	140
P2695-05	A4BJ7	BM046057.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2695-06	A4BJ8	BM046058.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2695-07	A4BJ9	BM046059.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P2695-08	A4BK1	BM046060.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P2695-09	A4BK2	BM046061.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P2695-10	A4BK3	BM046062.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2695-11	A4BK5	BM046063.D	1,4-Dioxane-d8	8	2.70	34		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2695-12	A4BK9	BM046064.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2695-13	A4BL1	BM046065.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2695-14	A4BL3	BM046072.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2695-25	A4BN3	BM046068.D	1,4-Dioxane-d8	8	5.53	69		15	120

Surrogate Summary

SW-846

SDG No.: **BM061824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2695-25	A4BN3	BM046068.D	Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		20	140
P2695-26MS	A4BN3MS	BM046069.D	1,4-Dioxane-d8	0.8	0.46	58		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
P2695-27MSD	A4BN3MSD	BM046070.D	2-Methylnaphthalene-d10	0.4	0.33	82		20	140
			1,4-Dioxane-d8	0.8	0.38	47		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
PB161358BL	PB161358BL	BM046050.D	1,4-Dioxane-d8	8	4.92	61		15	120
		BM046052.D	1,4-Dioxane-d8	8	4.84	61		15	120
		BM046050.D	Fluoranthene-d10	0.4	0.33	81		30	130
		BM046052.D	Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
PB161358BS	PB161358BS	BM046073.D	1,4-Dioxane-d8	0.8	0.57	71		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140



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

Surrogate Summary

SW-846

SDG No.: BM061824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2696-03	A4BK6	BM046071.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P2696-06DL	A4BN4DL	BM046075.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		20	140
PB161389BL	PB161389BL	BM046067.D	1,4-Dioxane-d8	8	5.24	66		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061824

Lab Code: CHEM

SAS No.: BM061824

SDG NO.: BM061824

Lab File ID: BM046042.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	63.6
68	Less than 2.0% of mass 69	1.1 (2) 1
69	Mass 69 relative abundance	53
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	69.6
443	15.0 - 24.0% of mass 442	13.5 (19.4) 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
SSTD0.1015	SSTD0.151	BM046043.D	06/18/2024	10:17
SSTD0.2016	SSTD0.252	BM046044.D	06/18/2024	10:53
SSTD0.4017	SSTD0.453	BM046045.D	06/18/2024	11:30
SSTD0.8018	SSTD0.854	BM046046.D	06/18/2024	12:06
SSTD1.6019	SSTD1.655	BM046047.D	06/18/2024	12:42
SSTD3.2020	SSTD3.256	BM046048.D	06/18/2024	13:19
SICV021	SSTDICV0.4	BM046049.D	06/18/2024	13:55
SBLK358	PB161358BL	BM046050.D	06/18/2024	14:32
SSTD0.4128	SSTDCCC0.4	BM046051.D	06/18/2024	15:08
SBLK358	PB161358BL	BM046052.D	06/18/2024	15:45
A4BJ0	P2695-01	BM046053.D	06/18/2024	16:22
A4BJ2	P2695-02	BM046054.D	06/18/2024	16:58
A4BJ4	P2695-03	BM046055.D	06/18/2024	17:35
A4BJ5	P2695-04	BM046056.D	06/18/2024	18:12
A4BJ7	P2695-05	BM046057.D	06/18/2024	18:48
A4BJ8	P2695-06	BM046058.D	06/18/2024	19:25
A4BJ9	P2695-07	BM046059.D	06/18/2024	20:02
A4BK1	P2695-08	BM046060.D	06/18/2024	20:39

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061824

Lab Code: CHEM

SAS No.: BM061824 SDG NO.: BM061824

Lab File ID: BM046042.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	63.6
68	Less than 2.0% of mass 69	1.1 (2) 1
69	Mass 69 relative abundance	53
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	69.6
443	15.0 - 24.0% of mass 442	13.5 (19.4) 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
A4BK2	P2695-09	BM046061.D	06/18/2024	21:15
A4BK3	P2695-10	BM046062.D	06/18/2024	21:52
A4BK5	P2695-11	BM046063.D	06/18/2024	22:28
A4BK9	P2695-12	BM046064.D	06/18/2024	23:05
A4BL1	P2695-13	BM046065.D	06/18/2024	23:41
SSTD0.4129	SSTDCCC0.4	BM046066.D	06/19/2024	00:53
SBLK389	PB161389BL	BM046067.D	06/19/2024	01:30
A4BN3	P2695-25	BM046068.D	06/19/2024	02:06
A4BN3MS	P2695-26MS	BM046069.D	06/19/2024	02:42
A4BN3MSD	P2695-27MSD	BM046070.D	06/19/2024	03:18
A4BK6	P2696-03	BM046071.D	06/19/2024	03:54
A4BL3	P2695-14	BM046072.D	06/19/2024	04:30
SLCS358	PB161358BS	BM046073.D	06/19/2024	05:06
A4BJ0DL	P2695-01DL	BM046074.D	06/19/2024	05:42
A4BN4DL	P2696-06DL	BM046075.D	06/19/2024	06:18
A4BJ2DL	P2695-02DL	BM046076.D	06/19/2024	06:54
SSTD0.4130	SSTDCCC0.4EC	BM046077.D	06/19/2024	08:07