

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG No.: BM061024
Instrument ID: BNA_M Calibration Date/Time: 6/10/2024 1:09:16
Lab File ID: BM045942.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4122 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.601	0.010	15.2864	40.0
1,4-Dioxane-d8	0.456	0.537	0.010	17.9737	40.0
Naphthalene	1.045	1.017	0.600	-2.6971	30.0
1-Methylnaphthalene	0.725	0.674	0.300	-7.0278	30.0
2-Methylnaphthalene	0.666	0.611	0.300	-8.3094	30.0
Acenaphthylene	1.819	1.894	0.900	4.1034	30.0
Acenaphthene	1.337	1.273	0.500	-4.7659	30.0
Fluorene	1.494	1.388	0.700	-7.0973	30.0
Pentachlorophenol	0.075	0.060	0.010	-19.7621	50.0
Phenanthrene	1.123	1.008	0.300	-10.2721	30.0
Anthracene	0.958	0.843	0.400	-11.9801	30.0
Fluoranthene	1.595	1.558	0.400	-2.3083	30.0
Pyrene	1.664	1.625	0.500	-2.3578	30.0
Benzo (a) anthracene	1.468	1.323	0.400	-9.9013	30.0
Chrysene	1.598	1.569	0.400	-1.8201	30.0
Benzo (b) fluoranthene	1.327	1.205	0.200	-9.1372	30.0
Benzo (k) fluoranthene	1.458	1.328	0.200	-8.8861	30.0
Benzo (a) pyrene	1.319	1.219	0.200	-7.6042	30.0
Indeno (1,2,3-cd) pyrene	1.706	1.637	0.200	-4.0276	30.0
Dibenzo (a,h) anthracene	1.364	1.261	0.200	-7.5411	30.0
Benzo (g,h,i) perylene	1.471	1.448	0.200	-1.5622	30.0
Fluoranthene-d10	1.198	1.161	0.400	-3.0826	30.0
2-Methylnaphthalene-d10	0.575	0.530	0.300	-7.9663	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.: BM061024 SAS No.: BM061024 SDG No.: BM061024
Instrument ID: BNA_M Calibration Date/Time: 6/10/2024 1:17:09
Lab File ID: BM045954.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4123 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.569	0.010	9.1957	40.0
1,4-Dioxane-d8	0.456	0.473	0.010	3.7764	40.0
Naphthalene	1.045	1.015	0.600	-2.8659	30.0
1-Methylnaphthalene	0.725	0.659	0.300	-9.0116	30.0
2-Methylnaphthalene	0.666	0.600	0.300	-10.0458	30.0
Acenaphthylene	1.819	1.756	0.900	-3.496	30.0
Acenaphthene	1.337	1.253	0.500	-6.2604	30.0
Fluorene	1.494	1.337	0.700	-10.5349	30.0
Pentachlorophenol	0.075	0.079	0.010	6.0365	50.0
Phenanthrene	1.123	1.013	0.300	-9.7723	30.0
Anthracene	0.958	0.819	0.400	-14.5016	30.0
Fluoranthene	1.595	1.479	0.400	-7.3008	30.0
Pyrene	1.664	1.564	0.500	-5.9872	30.0
Benzo (a) anthracene	1.468	1.329	0.400	-9.5085	30.0
Chrysene	1.598	1.531	0.400	-4.2174	30.0
Benzo (b) fluoranthene	1.327	1.224	0.200	-7.7201	30.0
Benzo (k) fluoranthene	1.458	1.325	0.200	-9.1208	30.0
Benzo (a) pyrene	1.319	1.228	0.200	-6.9064	30.0
Indeno (1,2,3-cd) pyrene	1.706	1.586	0.200	-7.0331	30.0
Dibenzo (a,h) anthracene	1.364	1.249	0.200	-8.4213	30.0
Benzo (g,h,i) perylene	1.471	1.369	0.200	-6.9649	30.0
Fluoranthene-d10	1.198	1.108	0.400	-7.5081	30.0
2-Methylnaphthalene-d10	0.575	0.521	0.300	-9.5259	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.: BM061024 SAS No.: BM061024 SDG No.: BM061024

Instrument ID: BNA_M Calibration Date/Time: 6/11/2024 1:04:00

Lab File ID: BM045971.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4124 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.598	0.010	14.6312	50.0
1,4-Dioxane-d8	0.456	0.495	0.010	8.6595	50.0
Naphthalene	1.045	1.009	0.600	-3.4943	50.0
1-Methylnaphthalene	0.725	0.657	0.300	-9.3933	50.0
2-Methylnaphthalene	0.666	0.599	0.300	-10.2008	50.0
Acenaphthylene	1.819	1.708	0.900	-6.1084	50.0
Acenaphthene	1.337	1.261	0.500	-5.632	50.0
Fluorene	1.494	1.291	0.700	-13.5763	50.0
Pentachlorophenol	0.075	0.065	0.010	-13.3382	50.0
Phenanthrene	1.123	0.996	0.300	-11.3423	50.0
Anthracene	0.958	0.762	0.400	-20.4459	50.0
Fluoranthene	1.595	1.561	0.400	-2.1414	50.0
Pyrene	1.664	1.623	0.500	-2.436	50.0
Benzo (a) anthracene	1.468	1.263	0.400	-13.957	50.0
Chrysene	1.598	1.585	0.400	-0.8634	50.0
Benzo (b) fluoranthene	1.327	1.235	0.200	-6.916	50.0
Benzo (k) fluoranthene	1.458	1.351	0.200	-7.3634	50.0
Benzo (a) pyrene	1.319	1.224	0.200	-7.1947	50.0
Indeno (1,2,3-cd) pyrene	1.706	1.656	0.200	-2.9123	50.0
Dibenzo (a,h) anthracene	1.364	1.309	0.200	-4.0252	50.0
Benzo (g,h,i) perylene	1.471	1.463	0.200	-0.5783	50.0
Fluoranthene-d10	1.198	1.164	0.400	-2.7996	50.0
2-Methylnaphthalene-d10	0.575	0.521	0.300	-9.4494	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK249	SDG No.:	BM061024
Lab Sample ID:	PB161249BL	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
BM045943.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	5.876		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	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	4126	7.459				
1146-65-2	Naphthalene-d8	13109	10.226				
15067-26-2	Acenaphthene-d10	6821	14.108				

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:	SBLK249	SDG No.:	BM061024
Lab Sample ID:	PB161249BL	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
BM045943.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14590	16.849				
1719-03-5	Chrysene-d12	10513	21.053				
1520-96-3	Perylene-d12	10988	23.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C15MS	SDG No.:	BM061024
Lab Sample ID:	P2640-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.5
Sample Wt/Vol:	30.02 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
BM045944.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52		1.2	0	9.4	ug/Kg
91-20-3	Naphthalene	31		0.28	1.2	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	19		0.73	1.2	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.27	1.2	4.6	ug/Kg
208-96-8	Acenaphthylene	44		0.46	1.2	4.6	ug/Kg
83-32-9	Acenaphthene	57		0.25	1.2	4.6	ug/Kg
86-73-7	Fluorene	64		0.31	1.2	4.6	ug/Kg
87-86-5	Pentachlorophenol	22		2.8	2.3	9.4	ug/Kg
85-01-8	Phenanthrene	680	E	0.25	1.2	4.6	ug/Kg
120-12-7	Anthracene	160	E	0.24	1.2	4.6	ug/Kg
206-44-0	Fluoranthene	1100	E	0.25	1.2	4.6	ug/Kg
129-00-0	Pyrene	760	E	0.34	1.2	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	540	E	0.13	1.2	4.6	ug/Kg
218-01-9	Chrysene	520	E	0.35	1.2	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	E	0.66	1.2	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	E	0.45	1.2	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	280	E	0.45	1.2	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	0.73	1.2	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	E	0.66	1.2	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37		1	1.2	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.512		15-120		64	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.288		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3799		7.468			
1146-65-2	Naphthalene-d8	11520		10.244			
15067-26-2	Acenaphthene-d10	6509		14.109			

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C15MS	SDG No.:	BM061024
Lab Sample ID:	P2640-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.5
Sample Wt/Vol:	30.02 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
BM045944.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13407	16.846				
1719-03-5	Chrysene-d12	11798	21.038				
1520-96-3	Perylene-d12	15900	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C15MSD	SDG No.:	BM061024
Lab Sample ID:	P2640-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.5
Sample Wt/Vol:	30.04 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
BM045945.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	56		1.2	0	9.4	ug/Kg
91-20-3	Naphthalene	34		0.28	1.2	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	21		0.73	1.2	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	25		0.27	1.2	4.6	ug/Kg
208-96-8	Acenaphthylene	45		0.46	1.2	4.6	ug/Kg
83-32-9	Acenaphthene	60		0.25	1.2	4.6	ug/Kg
86-73-7	Fluorene	66		0.31	1.2	4.6	ug/Kg
87-86-5	Pentachlorophenol	27		2.8	2.3	9.4	ug/Kg
85-01-8	Phenanthrene	680	E	0.25	1.2	4.6	ug/Kg
120-12-7	Anthracene	150	E	0.24	1.2	4.6	ug/Kg
206-44-0	Fluoranthene	1100	E	0.25	1.2	4.6	ug/Kg
129-00-0	Pyrene	770	E	0.34	1.2	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	520	E	0.13	1.2	4.6	ug/Kg
218-01-9	Chrysene	500	E	0.35	1.2	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	E	0.66	1.2	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	E	0.45	1.2	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.45	1.2	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	0.73	1.2	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	E	0.66	1.2	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34		1	1.2	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.534		15-120		67	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.299		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.276		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3936		7.468			
1146-65-2	Naphthalene-d8	12250		10.238			
15067-26-2	Acenaphthene-d10	6765		14.104			

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C15MSD	SDG No.:	BM061024
Lab Sample ID:	P2640-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.5
Sample Wt/Vol:	30.04 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
BM045945.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14078	16.846				
1719-03-5	Chrysene-d12	11551	21.04				
1520-96-3	Perylene-d12	15177	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH0	SDG No.:	BM061024
Lab Sample ID:	P2642-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045946.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	9.5	ug/Kg
91-20-3	Naphthalene	8		0.28	1.2	4.7	ug/Kg
90-12-0	1-Methylnaphthalene	3	J	0.74	1.2	4.7	ug/Kg
91-57-6	2-Methylnaphthalene	4	J	0.27	1.2	4.7	ug/Kg
208-96-8	Acenaphthylene	9.1		0.47	1.2	4.7	ug/Kg
83-32-9	Acenaphthene	13		0.25	1.2	4.7	ug/Kg
86-73-7	Fluorene	14		0.31	1.2	4.7	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	2.4	9.5	ug/Kg
85-01-8	Phenanthrene	160	E	0.25	1.2	4.7	ug/Kg
120-12-7	Anthracene	39		0.24	1.2	4.7	ug/Kg
206-44-0	Fluoranthene	200	E	0.25	1.2	4.7	ug/Kg
129-00-0	Pyrene	160	E	0.34	1.2	4.7	ug/Kg
56-55-3	Benzo(a)anthracene	92	E	0.13	1.2	4.7	ug/Kg
218-01-9	Chrysene	86	E	0.35	1.2	4.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.66	1.2	4.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	38		0.45	1.2	4.7	ug/Kg
50-32-8	Benzo(a)pyrene	89	E	0.45	1.2	4.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49		0.74	1.2	4.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		0.66	1.2	4.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58		1.1	1.2	4.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.582		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.242		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5211		7.459			
1146-65-2	Naphthalene-d8	16530		10.231			
15067-26-2	Acenaphthene-d10	8252		14.108			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH0	SDG No.:	BM061024
Lab Sample ID:	P2642-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045946.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17164	16.844				
1719-03-5	Chrysene-d12	13386	21.041				
1520-96-3	Perylene-d12	14313	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH1	SDG No.:	BM061024
Lab Sample ID:	P2642-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045947.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	9.5		0.31	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	3.8	J	0.8	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	4.6	J	0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	5.7		0.5	1.3	5	ug/Kg
83-32-9	Acenaphthene	23		0.28	1.3	5	ug/Kg
86-73-7	Fluorene	22		0.34	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	250	E	0.28	1.3	5	ug/Kg
120-12-7	Anthracene	47		0.26	1.3	5	ug/Kg
206-44-0	Fluoranthene	270	E	0.28	1.3	5	ug/Kg
129-00-0	Pyrene	220	E	0.37	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.14	1.3	5	ug/Kg
218-01-9	Chrysene	97	E	0.38	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.72	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	41		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	96	E	0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52		0.8	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		0.72	1.3	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59		1.1	1.3	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.735		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.169		30-130		42	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.145		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4789		7.459			
1146-65-2	Naphthalene-d8	15012		10.231			
15067-26-2	Acenaphthene-d10	7770		14.107			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH1	SDG No.:	BM061024
Lab Sample ID:	P2642-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045947.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15947	16.849				
1719-03-5	Chrysene-d12	12708	21.041				
1520-96-3	Perylene-d12	13735	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B38	SDG No.:	BM061024
Lab Sample ID:	P2642-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045948.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	12	ug/Kg
91-20-3	Naphthalene	1.8	J	0.35	1.4	5.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.91	U	0.91	1.4	5.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.33	U	0.33	1.4	5.8	ug/Kg
208-96-8	Acenaphthylene	4.4	J	0.58	1.4	5.8	ug/Kg
83-32-9	Acenaphthene	2.1	J	0.31	1.4	5.8	ug/Kg
86-73-7	Fluorene	2.4	J	0.38	1.4	5.8	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	2.9	12	ug/Kg
85-01-8	Phenanthrene	28		0.31	1.4	5.8	ug/Kg
120-12-7	Anthracene	7.1		0.3	1.4	5.8	ug/Kg
206-44-0	Fluoranthene	60		0.31	1.4	5.8	ug/Kg
129-00-0	Pyrene	50		0.42	1.4	5.8	ug/Kg
56-55-3	Benzo(a)anthracene	28		0.16	1.4	5.8	ug/Kg
218-01-9	Chrysene	32		0.44	1.4	5.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	46		0.82	1.4	5.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.56	1.4	5.8	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.56	1.4	5.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		0.91	1.4	5.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.4	J	0.82	1.4	5.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.3	1.4	5.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.781		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.193		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.163		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4470		7.459			
1146-65-2	Naphthalene-d8	14134		10.232			
15067-26-2	Acenaphthene-d10	7186		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B38	SDG No.:	BM061024
Lab Sample ID:	P2642-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045948.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14655	16.846				
1719-03-5	Chrysene-d12	11436	21.043				
1520-96-3	Perylene-d12	12500	23.15				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B32	SDG No.:	BM061024
Lab Sample ID:	P2642-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.2
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
BM045949.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	11	ug/Kg
91-20-3	Naphthalene	9.9		0.32	1.3	5.3	ug/Kg
90-12-0	1-Methylnaphthalene	4.8	J	0.83	1.3	5.3	ug/Kg
91-57-6	2-Methylnaphthalene	5.7		0.3	1.3	5.3	ug/Kg
208-96-8	Acenaphthylene	18		0.53	1.3	5.3	ug/Kg
83-32-9	Acenaphthene	17		0.29	1.3	5.3	ug/Kg
86-73-7	Fluorene	18		0.35	1.3	5.3	ug/Kg
87-86-5	Pentachlorophenol	3.2	U	3.2	2.7	11	ug/Kg
85-01-8	Phenanthrene	240	E	0.29	1.3	5.3	ug/Kg
120-12-7	Anthracene	52		0.27	1.3	5.3	ug/Kg
206-44-0	Fluoranthene	430	E	0.29	1.3	5.3	ug/Kg
129-00-0	Pyrene	290	E	0.38	1.3	5.3	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.15	1.3	5.3	ug/Kg
218-01-9	Chrysene	200	E	0.4	1.3	5.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	E	0.75	1.3	5.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	E	0.51	1.3	5.3	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.51	1.3	5.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	E	0.83	1.3	5.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33		0.75	1.3	5.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.2	1.3	5.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.625		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.302		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4729	7.459				
1146-65-2	Naphthalene-d8	15478	10.227				
15067-26-2	Acenaphthene-d10	8235	14.104				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B32	SDG No.:	BM061024
Lab Sample ID:	P2642-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.2
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
BM045949.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18829	16.846				
1719-03-5	Chrysene-d12	14987	21.041				
1520-96-3	Perylene-d12	16487	23.142				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B36	SDG No.:	BM061024
Lab Sample ID:	P2642-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
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
BM045950.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	9	ug/Kg
91-20-3	Naphthalene	1.3	J	0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.7	U	0.7	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.98	J	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	3.7	J	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	2.8	J	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	3.2	J	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	9	ug/Kg
85-01-8	Phenanthrene	35		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	10		0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	63		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	55		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	31		0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	49		0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	32		0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		0.7	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5		0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.862		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.212		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5492		7.459			
1146-65-2	Naphthalene-d8	17909		10.231			
15067-26-2	Acenaphthene-d10	8918		14.108			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B36	SDG No.:	BM061024
Lab Sample ID:	P2642-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
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
BM045950.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17308	16.844				
1719-03-5	Chrysene-d12	12849	21.041				
1520-96-3	Perylene-d12	13610	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B37	SDG No.:	BM061024
Lab Sample ID:	P2642-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BM045951.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	0.86	J	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	3.2	J	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	1	J	0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	12		0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	4.4		0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	34		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	29		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	20		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	17		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	25		0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.9		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	18		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.1	J	0.53	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.391		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.16		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5813		7.459			
1146-65-2	Naphthalene-d8	18618		10.231			
15067-26-2	Acenaphthene-d10	9489		14.107			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B37	SDG No.:	BM061024
Lab Sample ID:	P2642-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
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
BM045951.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18751	16.844				
1719-03-5	Chrysene-d12	15208	21.041				
1520-96-3	Perylene-d12	16152	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH7	SDG No.:	BM061024
Lab Sample ID:	P2642-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045952.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	8.4		0.34	1.4	5.6	ug/Kg
90-12-0	1-Methylnaphthalene	4	J	0.89	1.4	5.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.8	J	0.32	1.4	5.6	ug/Kg
208-96-8	Acenaphthylene	21		0.56	1.4	5.6	ug/Kg
83-32-9	Acenaphthene	24		0.31	1.4	5.6	ug/Kg
86-73-7	Fluorene	26		0.37	1.4	5.6	ug/Kg
87-86-5	Pentachlorophenol	3.4	U	3.4	2.9	11	ug/Kg
85-01-8	Phenanthrene	360	E	0.31	1.4	5.6	ug/Kg
120-12-7	Anthracene	79		0.29	1.4	5.6	ug/Kg
206-44-0	Fluoranthene	690	E	0.31	1.4	5.6	ug/Kg
129-00-0	Pyrene	490	E	0.41	1.4	5.6	ug/Kg
56-55-3	Benzo(a)anthracene	320	E	0.16	1.4	5.6	ug/Kg
218-01-9	Chrysene	320	E	0.43	1.4	5.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	460	E	0.8	1.4	5.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.55	1.4	5.6	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.55	1.4	5.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	E	0.89	1.4	5.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54		0.8	1.4	5.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		1.3	1.4	5.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.594		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.267		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4798		7.459			
1146-65-2	Naphthalene-d8	15184		10.231			
15067-26-2	Acenaphthene-d10	7616		14.103			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH7	SDG No.:	BM061024
Lab Sample ID:	P2642-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045952.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15948	16.844				
1719-03-5	Chrysene-d12	12228	21.041				
1520-96-3	Perylene-d12	13953	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH8	SDG No.:	BM061024
Lab Sample ID:	P2642-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045953.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	6.5		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	8.1		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	7.2		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	11		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	10		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	11		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	130	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	22		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	130	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	140	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	68	E	0.12	1	4.1	ug/Kg
218-01-9	Chrysene	75	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	65		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42		0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.677		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	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	4430		7.459			
1146-65-2	Naphthalene-d8	14016		10.233			
15067-26-2	Acenaphthene-d10	7311		14.104			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH8	SDG No.:	BM061024
Lab Sample ID:	P2642-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045953.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15834	16.846				
1719-03-5	Chrysene-d12	12670	21.041				
1520-96-3	Perylene-d12	13416	23.147				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SBLK249	SDG No.:	BM061024
Lab Sample ID:	PB161249BL	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
BM045955.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	5.34		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5011	7.459				
1146-65-2	Naphthalene-d8	16059	10.226				
15067-26-2	Acenaphthene-d10	7873	14.107				

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:	SBLK249	SDG No.:	BM061024
Lab Sample ID:	PB161249BL	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
BM045955.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15371	16.849				
1719-03-5	Chrysene-d12	11193	21.053				
1520-96-3	Perylene-d12	11665	23.151				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH6	SDG No.:	BM061024
Lab Sample ID:	P2642-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045956.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	1.5	J	0.23	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	3.8	J	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	1.6	J	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	1.9	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	26		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	5.9		0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	56		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	48		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	26		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	31		0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.37	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.37	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.3		0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.484		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.183		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4190	7.459				
1146-65-2	Naphthalene-d8	13296	10.233				
15067-26-2	Acenaphthene-d10	6635	14.109				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH6	SDG No.:	BM061024
Lab Sample ID:	P2642-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045956.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13503	16.846				
1719-03-5	Chrysene-d12	10483	21.043				
1520-96-3	Perylene-d12	11058	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B35	SDG No.:	BM061024
Lab Sample ID:	P2642-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045957.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	8.8		0.52	2.1	8.5	ug/Kg
90-12-0	1-Methylnaphthalene	3.9	J	1.3	2.1	8.5	ug/Kg
91-57-6	2-Methylnaphthalene	4.7	J	0.49	2.1	8.5	ug/Kg
208-96-8	Acenaphthylene	12		0.85	2.1	8.5	ug/Kg
83-32-9	Acenaphthene	15		0.47	2.1	8.5	ug/Kg
86-73-7	Fluorene	15		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	230	E	0.47	2.1	8.5	ug/Kg
120-12-7	Anthracene	48		0.44	2.1	8.5	ug/Kg
206-44-0	Fluoranthene	430	E	0.47	2.1	8.5	ug/Kg
129-00-0	Pyrene	310	E	0.62	2.1	8.5	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.24	2.1	8.5	ug/Kg
218-01-9	Chrysene	210	E	0.65	2.1	8.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	E	1.2	2.1	8.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	110		0.83	2.1	8.5	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.83	2.1	8.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100		1.3	2.1	8.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35		1.2	2.1	8.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		1.9	2.1	8.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.711		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4462		7.455			
1146-65-2	Naphthalene-d8	14386		10.227			
15067-26-2	Acenaphthene-d10	7238		14.104			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B35	SDG No.:	BM061024
Lab Sample ID:	P2642-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045957.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13944	16.846				
1719-03-5	Chrysene-d12	10931	21.041				
1520-96-3	Perylene-d12	12038	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH2	SDG No.:	BM061024
Lab Sample ID:	P2642-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM045958.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	3.4	J	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	4	ug/Kg
86-73-7	Fluorene	0.84	J	0.26	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	8.3		0.22	0.99	4	ug/Kg
120-12-7	Anthracene	2.9	J	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	17		0.22	0.99	4	ug/Kg
129-00-0	Pyrene	15		0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	8.6		0.11	0.99	4	ug/Kg
218-01-9	Chrysene	9.2		0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.57	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.7		0.38	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	9.7		0.38	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.4		0.63	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	J	0.57	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.5		0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.354		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.272		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4467		7.455			
1146-65-2	Naphthalene-d8	14312		10.226			
15067-26-2	Acenaphthene-d10	7228		14.107			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH2	SDG No.:	BM061024
Lab Sample ID:	P2642-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM045958.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14481	16.844				
1719-03-5	Chrysene-d12	11182	21.044				
1520-96-3	Perylene-d12	11982	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B39	SDG No.:	BM061024
Lab Sample ID:	P2642-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
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
BM045959.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

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	1.9	J	0.39	1.6	6.5	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1.6	6.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	1.6	6.5	ug/Kg
208-96-8	Acenaphthylene	4.2	J	0.65	1.6	6.5	ug/Kg
83-32-9	Acenaphthene	4.2	J	0.35	1.6	6.5	ug/Kg
86-73-7	Fluorene	4.1	J	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	49		0.35	1.6	6.5	ug/Kg
120-12-7	Anthracene	11		0.33	1.6	6.5	ug/Kg
206-44-0	Fluoranthene	79		0.35	1.6	6.5	ug/Kg
129-00-0	Pyrene	73		0.47	1.6	6.5	ug/Kg
56-55-3	Benzo(a)anthracene	36		0.18	1.6	6.5	ug/Kg
218-01-9	Chrysene	37		0.49	1.6	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	53		0.92	1.6	6.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	19		0.63	1.6	6.5	ug/Kg
50-32-8	Benzo(a)pyrene	39		0.63	1.6	6.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22		1	1.6	6.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.4	J	0.92	1.6	6.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		1.5	1.6	6.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.715		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.244		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4680		7.459			
1146-65-2	Naphthalene-d8	15181		10.227			
15067-26-2	Acenaphthene-d10	7468		14.104			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B39	SDG No.:	BM061024
Lab Sample ID:	P2642-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
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
BM045959.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14308	16.846				
1719-03-5	Chrysene-d12	10455	21.043				
1520-96-3	Perylene-d12	11274	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH3	SDG No.:	BM061024
Lab Sample ID:	P2642-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045960.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	1.3	J	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	J	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.84	J	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	4.7		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	5.8		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	43		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	14		0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	43		0.23	1	4.2	ug/Kg
129-00-0	Pyrene	36		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	20		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	17		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	23		0.6	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.8		0.41	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.41	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.3		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	J	0.6	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.4		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.247		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.218		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.174		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4043		7.459			
1146-65-2	Naphthalene-d8	12939		10.231			
15067-26-2	Acenaphthene-d10	6737		14.103			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH3	SDG No.:	BM061024
Lab Sample ID:	P2642-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045960.D	1	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13659	16.844				
1719-03-5	Chrysene-d12	10852	21.041				
1520-96-3	Perylene-d12	11327	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH0DL	SDG No.:	BM061024
Lab Sample ID:	P2642-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045961.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	47	ug/Kg
91-20-3	Naphthalene	9	JD	1.4	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	U	3.7	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	U	1.3	5.8	23	ug/Kg
208-96-8	Acenaphthylene	11	JD	2.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	14	JD	1.3	5.8	23	ug/Kg
86-73-7	Fluorene	16	JD	1.6	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.8	47	ug/Kg
85-01-8	Phenanthrene	170	D	1.3	5.8	23	ug/Kg
120-12-7	Anthracene	40	D	1.2	5.8	23	ug/Kg
206-44-0	Fluoranthene	210	D	1.3	5.8	23	ug/Kg
129-00-0	Pyrene	180	D	1.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	97	D	0.66	5.8	23	ug/Kg
218-01-9	Chrysene	87	D	1.8	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	D	3.3	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	D	2.3	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	92	D	2.3	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	D	3.7	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	3.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	D	5.3	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.005		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4602	7.459				
1146-65-2	Naphthalene-d8	14510	10.238				
15067-26-2	Acenaphthene-d10	8053	14.109				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH0DL	SDG No.:	BM061024
Lab Sample ID:	P2642-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045961.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16390	16.85				
1719-03-5	Chrysene-d12	13661	21.044				
1520-96-3	Perylene-d12	15244	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C18MS	SDG No.:	BM061024
Lab Sample ID:	P2642-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.4
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
BM045962.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.4	U	6.4	0	48	ug/Kg
91-20-3	Naphthalene	9.3	JD	1.4	5.9	24	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	U	3.7	5.9	24	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	U	1.4	5.9	24	ug/Kg
208-96-8	Acenaphthylene	5.7	JD	2.4	5.9	24	ug/Kg
83-32-9	Acenaphthene	23	JD	1.3	5.9	24	ug/Kg
86-73-7	Fluorene	21	JD	1.6	5.9	24	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	12	48	ug/Kg
85-01-8	Phenanthrene	250	D	1.3	5.9	24	ug/Kg
120-12-7	Anthracene	48	D	1.2	5.9	24	ug/Kg
206-44-0	Fluoranthene	260	D	1.3	5.9	24	ug/Kg
129-00-0	Pyrene	230	D	1.7	5.9	24	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	0.67	5.9	24	ug/Kg
218-01-9	Chrysene	93	D	1.8	5.9	24	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	3.4	5.9	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	D	2.3	5.9	24	ug/Kg
50-32-8	Benzo(a)pyrene	92	D	2.3	5.9	24	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	D	3.7	5.9	24	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	JD	3.4	5.9	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	D	5.4	5.9	24	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.945		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.145		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4367		7.463			
1146-65-2	Naphthalene-d8	13637		10.243			
15067-26-2	Acenaphthene-d10	7086		14.109			

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	A4C18MS	SDG No.:	BM061024
Lab Sample ID:	P2642-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.4
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
BM045962.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12996	16.85				
1719-03-5	Chrysene-d12	10418	21.043				
1520-96-3	Perylene-d12	11826	23.147				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B32DL	SDG No.:	BM061024
Lab Sample ID:	P2642-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.2
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
BM045963.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1	U	7.1	0	53	ug/Kg
91-20-3	Naphthalene	11	JD	1.6	6.6	26	ug/Kg
90-12-0	1-Methylnaphthalene	4.1	U	4.1	6.6	26	ug/Kg
91-57-6	2-Methylnaphthalene	5.6	JD	1.5	6.6	26	ug/Kg
208-96-8	Acenaphthylene	16	JD	2.6	6.6	26	ug/Kg
83-32-9	Acenaphthene	17	JD	1.4	6.6	26	ug/Kg
86-73-7	Fluorene	17	JD	1.8	6.6	26	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13.3	53	ug/Kg
85-01-8	Phenanthrene	260	D	1.4	6.6	26	ug/Kg
120-12-7	Anthracene	54	D	1.4	6.6	26	ug/Kg
206-44-0	Fluoranthene	470	ED	1.4	6.6	26	ug/Kg
129-00-0	Pyrene	340	D	1.9	6.6	26	ug/Kg
56-55-3	Benzo(a)anthracene	190	D	0.74	6.6	26	ug/Kg
218-01-9	Chrysene	210	D	2	6.6	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	D	3.7	6.6	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	2.5	6.6	26	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	2.5	6.6	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	D	4.1	6.6	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	D	3.7	6.6	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	JD	6	6.6	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.645		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	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	4587	7.459				
1146-65-2	Naphthalene-d8	14243	10.238				
15067-26-2	Acenaphthene-d10	7720	14.109				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B32DL	SDG No.:	BM061024
Lab Sample ID:	P2642-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.2
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
BM045963.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13725	16.85				
1719-03-5	Chrysene-d12	10307	21.04				
1520-96-3	Perylene-d12	11491	23.144				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH7DL	SDG No.:	BM061024
Lab Sample ID:	P2642-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045964.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6	U	7.6	0	57	ug/Kg
91-20-3	Naphthalene	9.9	JD	1.7	7	28	ug/Kg
90-12-0	1-Methylnaphthalene	4.4	U	4.4	7	28	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	U	1.6	7	28	ug/Kg
208-96-8	Acenaphthylene	27	JD	2.8	7	28	ug/Kg
83-32-9	Acenaphthene	28	D	1.5	7	28	ug/Kg
86-73-7	Fluorene	29	D	1.9	7	28	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14.3	57	ug/Kg
85-01-8	Phenanthrene	440	D	1.5	7	28	ug/Kg
120-12-7	Anthracene	92	D	1.4	7	28	ug/Kg
206-44-0	Fluoranthene	790	ED	1.5	7	28	ug/Kg
129-00-0	Pyrene	600	ED	2	7	28	ug/Kg
56-55-3	Benzo(a)anthracene	350	D	0.79	7	28	ug/Kg
218-01-9	Chrysene	370	D	2.1	7	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	ED	4	7	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	D	2.7	7	28	ug/Kg
50-32-8	Benzo(a)pyrene	250	D	2.7	7	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	D	4.4	7	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	D	4	7	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	D	6.4	7	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.11		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4232	7.459				
1146-65-2	Naphthalene-d8	13202	10.238				
15067-26-2	Acenaphthene-d10	7625	14.109				

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH7DL	SDG No.:	BM061024
Lab Sample ID:	P2642-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045964.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15200	16.846				
1719-03-5	Chrysene-d12	13051	21.038				
1520-96-3	Perylene-d12	14391	23.142				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH8DL	SDG No.:	BM061024
Lab Sample ID:	P2642-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045965.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	42	ug/Kg
91-20-3	Naphthalene	6.8	JD	1.2	5.1	20	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	JD	3.2	5.1	20	ug/Kg
91-57-6	2-Methylnaphthalene	6.6	JD	1.2	5.1	20	ug/Kg
208-96-8	Acenaphthylene	10	JD	2	5.1	20	ug/Kg
83-32-9	Acenaphthene	10	JD	1.1	5.1	20	ug/Kg
86-73-7	Fluorene	10	JD	1.4	5.1	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.4	42	ug/Kg
85-01-8	Phenanthrene	140	D	1.1	5.1	20	ug/Kg
120-12-7	Anthracene	22	D	1.1	5.1	20	ug/Kg
206-44-0	Fluoranthene	140	D	1.1	5.1	20	ug/Kg
129-00-0	Pyrene	150	D	1.5	5.1	20	ug/Kg
56-55-3	Benzo(a)anthracene	63	D	0.58	5.1	20	ug/Kg
218-01-9	Chrysene	77	D	1.6	5.1	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	86	D	2.9	5.1	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	26	D	2	5.1	20	ug/Kg
50-32-8	Benzo(a)pyrene	66	D	2	5.1	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	D	3.2	5.1	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10	JD	2.9	5.1	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	D	4.7	5.1	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.73		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	4576		7.463			
1146-65-2	Naphthalene-d8	14222		10.244			
15067-26-2	Acenaphthene-d10	7825		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH8DL	SDG No.:	BM061024
Lab Sample ID:	P2642-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045965.D	5	5/31/2024 12:00:00 AM	6/10/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14079	16.85				
1719-03-5	Chrysene-d12	10823	21.041				
1520-96-3	Perylene-d12	11755	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH6DL	SDG No.:	BM061024
Lab Sample ID:	P2642-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045966.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	39	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	3	U	3	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	4.1	JD	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	4.8	19	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.8	39	ug/Kg
85-01-8	Phenanthrene	28	D	1.1	4.8	19	ug/Kg
120-12-7	Anthracene	6.4	JD	0.99	4.8	19	ug/Kg
206-44-0	Fluoranthene	60	D	1.1	4.8	19	ug/Kg
129-00-0	Pyrene	55	D	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	25	D	0.54	4.8	19	ug/Kg
218-01-9	Chrysene	34	D	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	D	2.7	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	31	D	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20	D	3	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5	JD	2.7	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.605		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4597		7.463			
1146-65-2	Naphthalene-d8	14346		10.238			
15067-26-2	Acenaphthene-d10	7641		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH6DL	SDG No.:	BM061024
Lab Sample ID:	P2642-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045966.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13341	16.85				
1719-03-5	Chrysene-d12	10065	21.046				
1520-96-3	Perylene-d12	11156	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B35DL	SDG No.:	BM061024
Lab Sample ID:	P2642-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045967.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	87	ug/Kg
91-20-3	Naphthalene	8.6	JD	2.6	10.7	43	ug/Kg
90-12-0	1-Methylnaphthalene	6.7	U	6.7	10.7	43	ug/Kg
91-57-6	2-Methylnaphthalene	2.5	U	2.5	10.7	43	ug/Kg
208-96-8	Acenaphthylene	13	JD	4.3	10.7	43	ug/Kg
83-32-9	Acenaphthene	14	JD	2.3	10.7	43	ug/Kg
86-73-7	Fluorene	15	JD	2.8	10.7	43	ug/Kg
87-86-5	Pentachlorophenol	26	U	26	21.7	87	ug/Kg
85-01-8	Phenanthrene	210	D	2.3	10.7	43	ug/Kg
120-12-7	Anthracene	47	D	2.2	10.7	43	ug/Kg
206-44-0	Fluoranthene	390	D	2.3	10.7	43	ug/Kg
129-00-0	Pyrene	300	D	3.1	10.7	43	ug/Kg
56-55-3	Benzo(a)anthracene	170	D	1.2	10.7	43	ug/Kg
218-01-9	Chrysene	200	D	3.2	10.7	43	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	D	6.1	10.7	43	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	D	4.1	10.7	43	ug/Kg
50-32-8	Benzo(a)pyrene	140	D	4.1	10.7	43	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	D	6.7	10.7	43	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	JD	6.1	10.7	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	9.7	10.7	43	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.42		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4601		7.459			
1146-65-2	Naphthalene-d8	14348		10.238			
15067-26-2	Acenaphthene-d10	8184		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B35DL	SDG No.:	BM061024
Lab Sample ID:	P2642-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045967.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16275	16.85				
1719-03-5	Chrysene-d12	13421	21.043				
1520-96-3	Perylene-d12	14511	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH2DL	SDG No.:	BM061024
Lab Sample ID:	P2642-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM045968.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	40	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	U	3.1	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	5	20	ug/Kg
208-96-8	Acenaphthylene	2	U	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.1	40	ug/Kg
85-01-8	Phenanthrene	9	JD	1.1	5	20	ug/Kg
120-12-7	Anthracene	1	U	1	5	20	ug/Kg
206-44-0	Fluoranthene	19	JD	1.1	5	20	ug/Kg
129-00-0	Pyrene	18	JD	1.4	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	9.8	JD	0.56	5	20	ug/Kg
218-01-9	Chrysene	9.2	JD	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	16	JD	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.6	JD	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	9.6	JD	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.4	JD	3.1	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.8	U	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.2	JD	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.355		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4544		7.459			
1146-65-2	Naphthalene-d8	14544		10.238			
15067-26-2	Acenaphthene-d10	7867		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH2DL	SDG No.:	BM061024
Lab Sample ID:	P2642-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM045968.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13496	16.85				
1719-03-5	Chrysene-d12	9551	21.046				
1520-96-3	Perylene-d12	10820	23.15				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B39DL	SDG No.:	BM061024
Lab Sample ID:	P2642-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045969.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.7	U	8.7	0	66	ug/Kg
91-20-3	Naphthalene	2	U	2	8.1	32	ug/Kg
90-12-0	1-Methylnaphthalene	5.1	U	5.1	8.1	32	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.1	32	ug/Kg
208-96-8	Acenaphthylene	3.2	U	3.2	8.1	32	ug/Kg
83-32-9	Acenaphthene	1.8	U	1.8	8.1	32	ug/Kg
86-73-7	Fluorene	2.2	U	2.2	8.1	32	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.4	66	ug/Kg
85-01-8	Phenanthrene	50	D	1.8	8.1	32	ug/Kg
120-12-7	Anthracene	12	JD	1.7	8.1	32	ug/Kg
206-44-0	Fluoranthene	79	D	1.8	8.1	32	ug/Kg
129-00-0	Pyrene	80	D	2.4	8.1	32	ug/Kg
56-55-3	Benzo(a)anthracene	37	D	0.91	8.1	32	ug/Kg
218-01-9	Chrysene	36	D	2.5	8.1	32	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	D	4.6	8.1	32	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	JD	3.1	8.1	32	ug/Kg
50-32-8	Benzo(a)pyrene	39	D	3.1	8.1	32	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23	JD	5.1	8.1	32	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.6	U	4.6	8.1	32	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	JD	7.4	8.1	32	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.82		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4391		7.459			
1146-65-2	Naphthalene-d8	13538		10.242			
15067-26-2	Acenaphthene-d10	7739		14.108			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4B39DL	SDG No.:	BM061024
Lab Sample ID:	P2642-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.2
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
BM045969.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15184	16.849				
1719-03-5	Chrysene-d12	11896	21.044				
1520-96-3	Perylene-d12	13020	23.145				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH3DL	SDG No.:	BM061024
Lab Sample ID:	P2642-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045970.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	1.3	U	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	2.1	U	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	4.9	JD	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	5.5	JD	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	42	ug/Kg
85-01-8	Phenanthrene	44	D	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	14	JD	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	46	D	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	41	D	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	19	JD	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	18	JD	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	22	D	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.7	JD	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	17	JD	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8	JD	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3	U	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.3	JD	4.8	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.075		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4382		7.463			
1146-65-2	Naphthalene-d8	14029		10.244			
15067-26-2	Acenaphthene-d10	7649		14.109			

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	A4BH3DL	SDG No.:	BM061024
Lab Sample ID:	P2642-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM045970.D	5	5/31/2024 12:00:00 AM	6/11/2024 12:00:00 AM	PB161249

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12770	16.85				
1719-03-5	Chrysene-d12	8848	21.046				
1520-96-3	Perylene-d12	10039	23.148				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4C18MS								
P2642-02DL	A4C18MS	Solid	Total Alkanes	*	0.000	D 6.4	48	ug/Kg
			Total Tics :			0.00		
P2642-02DL	A4C18MS	Solid	Acenaphthene	23.000	JD	1.3	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Acenaphthylene	5.700	JD	2.4	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Anthracene	48.000	D	1.2	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Benzo(a)anthracene	100.000	D	0.67	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Benzo(a)pyrene	92.000	D	2.3	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Benzo(b)fluoranthene	120.000	D	3.4	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Benzo(g,h,i)perylene	59.000	D	5.4	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Benzo(k)fluoranthene	47.000	D	2.3	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Chrysene	93.000	D	1.8	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Dibenzo(a,h)anthracene	13.000	JD	3.4	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Fluoranthene	260.000	D	1.3	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Fluorene	21.000	JD	1.6	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Indeno(1,2,3-cd)pyrene	50.000	D	3.7	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Naphthalene	9.300	JD	1.4	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Phenanthrene	250.000	D	1.3	24	ug/Kg
P2642-02DL	A4C18MS	Solid	Pyrene	230.000	D	1.7	24	ug/Kg
			Total Svoc :			1,421.00		
			Total Concentration:			1,421.00		
Client ID : A4BH0								
P2642-05	A4BH0	Solid	Total Alkanes	*	0.000	1.3	9.5	ug/Kg
			Total Tics :			0.00		
P2642-05	A4BH0	Solid	1-Methylnaphthalene	3.000	J	0.74	4.7	ug/Kg
P2642-05	A4BH0	Solid	2-Methylnaphthalene	4.000	J	0.27	4.7	ug/Kg
P2642-05	A4BH0	Solid	Acenaphthene	13.000		0.25	4.7	ug/Kg
P2642-05	A4BH0	Solid	Acenaphthylene	9.100		0.47	4.7	ug/Kg
P2642-05	A4BH0	Solid	Anthracene	39.000		0.24	4.7	ug/Kg
P2642-05	A4BH0	Solid	Benzo(a)anthracene	92.000	E	0.13	4.7	ug/Kg
P2642-05	A4BH0	Solid	Benzo(a)pyrene	89.000	E	0.45	4.7	ug/Kg
P2642-05	A4BH0	Solid	Benzo(b)fluoranthene	120.000	E	0.66	4.7	ug/Kg
P2642-05	A4BH0	Solid	Benzo(g,h,i)perylene	58.000		1.1	4.7	ug/Kg
P2642-05	A4BH0	Solid	Benzo(k)fluoranthene	38.000		0.45	4.7	ug/Kg
P2642-05	A4BH0	Solid	Chrysene	86.000	E	0.35	4.7	ug/Kg
P2642-05	A4BH0	Solid	Dibenzo(a,h)anthracene	14.000		0.66	4.7	ug/Kg
P2642-05	A4BH0	Solid	Fluoranthene	200.000	E	0.25	4.7	ug/Kg
P2642-05	A4BH0	Solid	Fluorene	14.000		0.31	4.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-05	A4BH0	Solid	Indeno(1,2,3-cd)pyrene	49.000		0.74	4.7	ug/Kg
P2642-05	A4BH0	Solid	Naphthalene	8.000		0.28	4.7	ug/Kg
P2642-05	A4BH0	Solid	Phenanthrene	160.000	E	0.25	4.7	ug/Kg
P2642-05	A4BH0	Solid	Pyrene	160.000	E	0.34	4.7	ug/Kg
Total Svoc :				1,156.10				
Total Concentration:				1,156.10				
Client ID : A4BH0DL								
P2642-05DL	A4BH0DL	Solid	Total Alkanes	*	0.000	D 6.3	47	ug/Kg
Total Tics :				0.00				
P2642-05DL	A4BH0DL	Solid	Acenaphthene	14.000	JD	1.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Acenaphthylene	11.000	JD	2.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Anthracene	40.000	D	1.2	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Benzo(a)anthracene	97.000	D	0.66	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Benzo(a)pyrene	92.000	D	2.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Benzo(b)fluoranthene	130.000	D	3.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Benzo(g,h,i)perylene	62.000	D	5.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Benzo(k)fluoranthene	43.000	D	2.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Chrysene	87.000	D	1.8	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Dibenzo(a,h)anthracene	14.000	JD	3.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Fluoranthene	210.000	D	1.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Fluorene	16.000	JD	1.6	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Indeno(1,2,3-cd)pyrene	53.000	D	3.7	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Naphthalene	9.000	JD	1.4	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Phenanthrene	170.000	D	1.3	23	ug/Kg
P2642-05DL	A4BH0DL	Solid	Pyrene	180.000	D	1.7	23	ug/Kg
Total Svoc :				1,228.00				
Total Concentration:				1,228.00				
Client ID : A4BH1								
P2642-06	A4BH1	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P2642-06	A4BH1	Solid	1-Methylnaphthalene	3.800	J	0.8	5	ug/Kg
P2642-06	A4BH1	Solid	2-Methylnaphthalene	4.600	J	0.29	5	ug/Kg
P2642-06	A4BH1	Solid	Acenaphthene	23.000		0.28	5	ug/Kg
P2642-06	A4BH1	Solid	Acenaphthylene	5.700		0.5	5	ug/Kg
P2642-06	A4BH1	Solid	Anthracene	47.000		0.26	5	ug/Kg
P2642-06	A4BH1	Solid	Benzo(a)anthracene	110.000	E	0.14	5	ug/Kg
P2642-06	A4BH1	Solid	Benzo(a)pyrene	96.000	E	0.49	5	ug/Kg
P2642-06	A4BH1	Solid	Benzo(b)fluoranthene	130.000	E	0.72	5	ug/Kg
P2642-06	A4BH1	Solid	Benzo(g,h,i)perylene	59.000		1.1	5	ug/Kg
P2642-06	A4BH1	Solid	Benzo(k)fluoranthene	41.000		0.49	5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-06	A4BH1	Solid	Chrysene	97.000	E	0.38	5	ug/Kg
P2642-06	A4BH1	Solid	Dibenzo(a,h)anthracene	14.000		0.72	5	ug/Kg
P2642-06	A4BH1	Solid	Fluoranthene	270.000	E	0.28	5	ug/Kg
P2642-06	A4BH1	Solid	Fluorene	22.000		0.34	5	ug/Kg
P2642-06	A4BH1	Solid	Indeno(1,2,3-cd)pyrene	52.000		0.8	5	ug/Kg
P2642-06	A4BH1	Solid	Naphthalene	9.500		0.31	5	ug/Kg
P2642-06	A4BH1	Solid	Phenanthrene	250.000	E	0.28	5	ug/Kg
P2642-06	A4BH1	Solid	Pyrene	220.000	E	0.37	5	ug/Kg
Total Svoc :				1,454.60				
Total Concentration:				1,454.60				
Client ID : A4BH2								
P2642-07	A4BH2	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P2642-07	A4BH2	Solid	Acenaphthylene	3.400	J	0.4	4	ug/Kg
P2642-07	A4BH2	Solid	Anthracene	2.900	J	0.2	4	ug/Kg
P2642-07	A4BH2	Solid	Benzo(a)anthracene	8.600		0.11	4	ug/Kg
P2642-07	A4BH2	Solid	Benzo(a)pyrene	9.700		0.38	4	ug/Kg
P2642-07	A4BH2	Solid	Benzo(b)fluoranthene	15.000		0.57	4	ug/Kg
P2642-07	A4BH2	Solid	Benzo(g,h,i)perylene	7.500		0.9	4	ug/Kg
P2642-07	A4BH2	Solid	Benzo(k)fluoranthene	4.700		0.38	4	ug/Kg
P2642-07	A4BH2	Solid	Chrysene	9.200		0.3	4	ug/Kg
P2642-07	A4BH2	Solid	Dibenzo(a,h)anthracene	1.900	J	0.57	4	ug/Kg
P2642-07	A4BH2	Solid	Fluoranthene	17.000		0.22	4	ug/Kg
P2642-07	A4BH2	Solid	Fluorene	0.840	J	0.26	4	ug/Kg
P2642-07	A4BH2	Solid	Indeno(1,2,3-cd)pyrene	6.400		0.63	4	ug/Kg
P2642-07	A4BH2	Solid	Phenanthrene	8.300		0.22	4	ug/Kg
P2642-07	A4BH2	Solid	Pyrene	15.000		0.29	4	ug/Kg
Total Svoc :				110.44				
Total Concentration:				110.44				
Client ID : A4BH2DL								
P2642-07DL	A4BH2DL	Solid	Total Alkanes	*	0.000	D 5.4	40	ug/Kg
Total Tics :				0.00				
P2642-07DL	A4BH2DL	Solid	Benzo(a)anthracene	9.800	JD	0.56	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Benzo(a)pyrene	9.600	JD	1.9	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Benzo(b)fluoranthene	16.000	JD	2.8	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Benzo(g,h,i)perylene	8.200	JD	4.5	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Benzo(k)fluoranthene	5.600	JD	1.9	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Chrysene	9.200	JD	1.5	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Fluoranthene	19.000	JD	1.1	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Indeno(1,2,3-cd)pyrene	6.400	JD	3.1	20	ug/Kg

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SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-07DL	A4BH2DL	Solid	Phenanthrene	9.000	JD	1.1	20	ug/Kg
P2642-07DL	A4BH2DL	Solid	Pyrene	18.000	JD	1.4	20	ug/Kg
Total Svoc :				110.80				
Total Concentration:				110.80				
Client ID : A4BH3								
P2642-08	A4BH3	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P2642-08	A4BH3	Solid	1-Methylnaphthalene	1.200	J	0.66	4.2	ug/Kg
P2642-08	A4BH3	Solid	2-Methylnaphthalene	1.400	J	0.24	4.2	ug/Kg
P2642-08	A4BH3	Solid	Acenaphthene	4.700		0.23	4.2	ug/Kg
P2642-08	A4BH3	Solid	Acenaphthylene	0.840	J	0.42	4.2	ug/Kg
P2642-08	A4BH3	Solid	Anthracene	14.000		0.22	4.2	ug/Kg
P2642-08	A4BH3	Solid	Benzo(a)anthracene	20.000		0.12	4.2	ug/Kg
P2642-08	A4BH3	Solid	Benzo(a)pyrene	17.000		0.41	4.2	ug/Kg
P2642-08	A4BH3	Solid	Benzo(b)fluoranthene	23.000		0.6	4.2	ug/Kg
P2642-08	A4BH3	Solid	Benzo(g,h,i)perylene	9.400		0.95	4.2	ug/Kg
P2642-08	A4BH3	Solid	Benzo(k)fluoranthene	7.800		0.41	4.2	ug/Kg
P2642-08	A4BH3	Solid	Chrysene	17.000		0.32	4.2	ug/Kg
P2642-08	A4BH3	Solid	Dibenzo(a,h)anthracene	2.500	J	0.6	4.2	ug/Kg
P2642-08	A4BH3	Solid	Fluoranthene	43.000		0.23	4.2	ug/Kg
P2642-08	A4BH3	Solid	Fluorene	5.800		0.28	4.2	ug/Kg
P2642-08	A4BH3	Solid	Indeno(1,2,3-cd)pyrene	8.300		0.66	4.2	ug/Kg
P2642-08	A4BH3	Solid	Naphthalene	1.300	J	0.25	4.2	ug/Kg
P2642-08	A4BH3	Solid	Phenanthrene	43.000		0.23	4.2	ug/Kg
P2642-08	A4BH3	Solid	Pyrene	36.000		0.3	4.2	ug/Kg
Total Svoc :				256.24				
Total Concentration:				256.24				
Client ID : A4BH3DL								
P2642-08DL	A4BH3DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
Total Tics :				0.00				
P2642-08DL	A4BH3DL	Solid	Acenaphthene	4.900	JD	1.1	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Anthracene	14.000	JD	1.1	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Benzo(a)anthracene	19.000	JD	0.59	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Benzo(a)pyrene	17.000	JD	2	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Benzo(b)fluoranthene	22.000	D	3	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Benzo(g,h,i)perylene	9.300	JD	4.8	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Benzo(k)fluoranthene	8.700	JD	2	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Chrysene	18.000	JD	1.6	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Fluoranthene	46.000	D	1.1	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Fluorene	5.500	JD	1.4	21	ug/Kg

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SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-08DL	A4BH3DL	Solid	Indeno(1,2,3-cd)pyrene	8.000	JD	3.3	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Phenanthrene	44.000	D	1.1	21	ug/Kg
P2642-08DL	A4BH3DL	Solid	Pyrene	41.000	D	1.5	21	ug/Kg
Total Svoc :				257.40				
Total Concentration:				257.40				
Client ID : A4BH6								
P2642-09	A4BH6	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P2642-09	A4BH6	Solid	Acenaphthene	1.600	J	0.21	3.9	ug/Kg
P2642-09	A4BH6	Solid	Acenaphthylene	3.800	J	0.39	3.9	ug/Kg
P2642-09	A4BH6	Solid	Anthracene	5.900		0.2	3.9	ug/Kg
P2642-09	A4BH6	Solid	Benzo(a)anthracene	26.000		0.11	3.9	ug/Kg
P2642-09	A4BH6	Solid	Benzo(a)pyrene	30.000		0.37	3.9	ug/Kg
P2642-09	A4BH6	Solid	Benzo(b)fluoranthene	45.000		0.55	3.9	ug/Kg
P2642-09	A4BH6	Solid	Benzo(g,h,i)perylene	23.000		0.88	3.9	ug/Kg
P2642-09	A4BH6	Solid	Benzo(k)fluoranthene	16.000		0.37	3.9	ug/Kg
P2642-09	A4BH6	Solid	Chrysene	31.000		0.29	3.9	ug/Kg
P2642-09	A4BH6	Solid	Dibenzo(a,h)anthracene	5.300		0.55	3.9	ug/Kg
P2642-09	A4BH6	Solid	Fluoranthene	56.000		0.21	3.9	ug/Kg
P2642-09	A4BH6	Solid	Fluorene	1.900	J	0.26	3.9	ug/Kg
P2642-09	A4BH6	Solid	Indeno(1,2,3-cd)pyrene	19.000		0.61	3.9	ug/Kg
P2642-09	A4BH6	Solid	Naphthalene	1.500	J	0.23	3.9	ug/Kg
P2642-09	A4BH6	Solid	Phenanthrene	26.000		0.21	3.9	ug/Kg
P2642-09	A4BH6	Solid	Pyrene	48.000		0.28	3.9	ug/Kg
Total Svoc :				340.00				
Total Concentration:				340.00				
Client ID : A4BH6DL								
P2642-09DL	A4BH6DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P2642-09DL	A4BH6DL	Solid	Acenaphthylene	4.100	JD	1.9	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Anthracene	6.400	JD	0.99	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Benzo(a)anthracene	25.000	D	0.54	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Benzo(a)pyrene	31.000	D	1.9	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Benzo(b)fluoranthene	44.000	D	2.7	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Benzo(g,h,i)perylene	24.000	D	4.4	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Benzo(k)fluoranthene	19.000	D	1.9	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Chrysene	34.000	D	1.5	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Dibenzo(a,h)anthracene	5.500	JD	2.7	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Fluoranthene	60.000	D	1.1	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Indeno(1,2,3-cd)pyrene	20.000	D	3	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-09DL	A4BH6DL	Solid	Phenanthrene	28.000	D	1.1	19	ug/Kg
P2642-09DL	A4BH6DL	Solid	Pyrene	55.000	D	1.4	19	ug/Kg
Total Svoc :				356.00				
Total Concentration:				356.00				
Client ID : A4B32								
P2642-10	A4B32	Solid	Total Alkanes	*	0.000	1.4	11	ug/Kg
Total Tics :				0.00				
P2642-10	A4B32	Solid	1-Methylnaphthalene	4.800	J	0.83	5.3	ug/Kg
P2642-10	A4B32	Solid	2-Methylnaphthalene	5.700		0.3	5.3	ug/Kg
P2642-10	A4B32	Solid	Acenaphthene	17.000		0.29	5.3	ug/Kg
P2642-10	A4B32	Solid	Acenaphthylene	18.000		0.53	5.3	ug/Kg
P2642-10	A4B32	Solid	Anthracene	52.000		0.27	5.3	ug/Kg
P2642-10	A4B32	Solid	Benzo(a)anthracene	200.000	E	0.15	5.3	ug/Kg
P2642-10	A4B32	Solid	Benzo(a)pyrene	120.000	E	0.51	5.3	ug/Kg
P2642-10	A4B32	Solid	Benzo(b)fluoranthene	290.000	E	0.75	5.3	ug/Kg
P2642-10	A4B32	Solid	Benzo(g,h,i)perylene	16.000		1.2	5.3	ug/Kg
P2642-10	A4B32	Solid	Benzo(k)fluoranthene	98.000	E	0.51	5.3	ug/Kg
P2642-10	A4B32	Solid	Chrysene	200.000	E	0.4	5.3	ug/Kg
P2642-10	A4B32	Solid	Dibenzo(a,h)anthracene	33.000		0.75	5.3	ug/Kg
P2642-10	A4B32	Solid	Fluoranthene	430.000	E	0.29	5.3	ug/Kg
P2642-10	A4B32	Solid	Fluorene	18.000		0.35	5.3	ug/Kg
P2642-10	A4B32	Solid	Indeno(1,2,3-cd)pyrene	90.000	E	0.83	5.3	ug/Kg
P2642-10	A4B32	Solid	Naphthalene	9.900		0.32	5.3	ug/Kg
P2642-10	A4B32	Solid	Phenanthrene	240.000	E	0.29	5.3	ug/Kg
P2642-10	A4B32	Solid	Pyrene	290.000	E	0.38	5.3	ug/Kg
Total Svoc :				2,132.40				
Total Concentration:				2,132.40				
Client ID : A4B32DL								
P2642-10DL	A4B32DL	Solid	Total Alkanes	*	0.000	D 7.1	53	ug/Kg
Total Tics :				0.00				
P2642-10DL	A4B32DL	Solid	2-Methylnaphthalene	5.600	JD	1.5	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Acenaphthene	17.000	JD	1.4	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Acenaphthylene	16.000	JD	2.6	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Anthracene	54.000	D	1.4	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Benzo(a)anthracene	190.000	D	0.74	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Benzo(a)pyrene	130.000	D	2.5	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Benzo(b)fluoranthene	310.000	D	3.7	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Benzo(g,h,i)perylene	18.000	JD	6	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Benzo(k)fluoranthene	110.000	D	2.5	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Chrysene	210.000	D	2	26	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-10DL	A4B32DL	Solid	Dibenzo(a,h)anthracene	35.000	D	3.7	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Fluoranthene	470.000	ED	1.4	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Fluorene	17.000	JD	1.8	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Indeno(1,2,3-cd)pyrene	96.000	D	4.1	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Naphthalene	11.000	JD	1.6	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Phenanthrene	260.000	D	1.4	26	ug/Kg
P2642-10DL	A4B32DL	Solid	Pyrene	340.000	D	1.9	26	ug/Kg
Total Svoc :				2,289.60				
Total Concentration:				2,289.60				

Client ID : A4B35

P2642-11	A4B35	Solid	Total Alkanes	*	0.000	2.3	17	ug/Kg
Total Tics :				0.00				
P2642-11	A4B35	Solid	1-Methylnaphthalene		3.900	J	1.3	ug/Kg
P2642-11	A4B35	Solid	2-Methylnaphthalene		4.700	J	0.49	ug/Kg
P2642-11	A4B35	Solid	Acenaphthene		15.000		0.47	ug/Kg
P2642-11	A4B35	Solid	Acenaphthylene		12.000		0.85	ug/Kg
P2642-11	A4B35	Solid	Anthracene		48.000		0.44	ug/Kg
P2642-11	A4B35	Solid	Benzo(a)anthracene		200.000	E	0.24	ug/Kg
P2642-11	A4B35	Solid	Benzo(a)pyrene		140.000	E	0.83	ug/Kg
P2642-11	A4B35	Solid	Benzo(b)fluoranthene		300.000	E	1.2	ug/Kg
P2642-11	A4B35	Solid	Benzo(g,h,i)perylene		20.000		1.9	ug/Kg
P2642-11	A4B35	Solid	Benzo(k)fluoranthene		110.000		0.83	ug/Kg
P2642-11	A4B35	Solid	Chrysene		210.000	E	0.65	ug/Kg
P2642-11	A4B35	Solid	Dibenzo(a,h)anthracene		35.000		1.2	ug/Kg
P2642-11	A4B35	Solid	Fluoranthene		430.000	E	0.47	ug/Kg
P2642-11	A4B35	Solid	Fluorene		15.000		0.57	ug/Kg
P2642-11	A4B35	Solid	Indeno(1,2,3-cd)pyrene		100.000		1.3	ug/Kg
P2642-11	A4B35	Solid	Naphthalene		8.800		0.52	ug/Kg
P2642-11	A4B35	Solid	Phenanthrene		230.000	E	0.47	ug/Kg
P2642-11	A4B35	Solid	Pyrene		310.000	E	0.62	ug/Kg
Total Svoc :				2,192.40				
Total Concentration:				2,192.40				

Client ID : A4B35DL

P2642-11DL	A4B35DL	Solid	Total Alkanes	*	0.000	D	12	ug/Kg
Total Tics :				0.00				
P2642-11DL	A4B35DL	Solid	Acenaphthene		14.000	JD	2.3	ug/Kg
P2642-11DL	A4B35DL	Solid	Acenaphthylene		13.000	JD	4.3	ug/Kg
P2642-11DL	A4B35DL	Solid	Anthracene		47.000	D	2.2	ug/Kg
P2642-11DL	A4B35DL	Solid	Benzo(a)anthracene		170.000	D	1.2	ug/Kg
P2642-11DL	A4B35DL	Solid	Benzo(a)pyrene		140.000	D	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-11DL	A4B35DL	Solid	Benzo(b)fluoranthene	290.000	D	6.1	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Benzo(g,h,i)perylene	19.000	JD	9.7	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Benzo(k)fluoranthene	98.000	D	4.1	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Chrysene	200.000	D	3.2	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Dibenzo(a,h)anthracene	31.000	JD	6.1	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Fluoranthene	390.000	D	2.3	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Fluorene	15.000	JD	2.8	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Indeno(1,2,3-cd)pyrene	99.000	D	6.7	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Naphthalene	8.600	JD	2.6	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Phenanthrene	210.000	D	2.3	43	ug/Kg
P2642-11DL	A4B35DL	Solid	Pyrene	300.000	D	3.1	43	ug/Kg
Total Svoc :				2,044.60				
Total Concentration:				2,044.60				

Client ID : A4B36

P2642-12	A4B36	Solid	Total Alkanes	*	0.000	1.2	9	ug/Kg	
Total Tics :					0.00				
P2642-12	A4B36	Solid	2-Methylnaphthalene		0.980	J	0.25	4.4	ug/Kg
P2642-12	A4B36	Solid	Acenaphthene		2.800	J	0.24	4.4	ug/Kg
P2642-12	A4B36	Solid	Acenaphthylene		3.700	J	0.44	4.4	ug/Kg
P2642-12	A4B36	Solid	Anthracene		10.000		0.23	4.4	ug/Kg
P2642-12	A4B36	Solid	Benzo(a)anthracene		32.000		0.12	4.4	ug/Kg
P2642-12	A4B36	Solid	Benzo(a)pyrene		32.000		0.43	4.4	ug/Kg
P2642-12	A4B36	Solid	Benzo(b)fluoranthene		49.000		0.63	4.4	ug/Kg
P2642-12	A4B36	Solid	Benzo(g,h,i)perylene		22.000		1	4.4	ug/Kg
P2642-12	A4B36	Solid	Benzo(k)fluoranthene		14.000		0.43	4.4	ug/Kg
P2642-12	A4B36	Solid	Chrysene		31.000		0.33	4.4	ug/Kg
P2642-12	A4B36	Solid	Dibenzo(a,h)anthracene		5.500		0.63	4.4	ug/Kg
P2642-12	A4B36	Solid	Fluoranthene		63.000		0.24	4.4	ug/Kg
P2642-12	A4B36	Solid	Fluorene		3.200	J	0.29	4.4	ug/Kg
P2642-12	A4B36	Solid	Indeno(1,2,3-cd)pyrene		19.000		0.7	4.4	ug/Kg
P2642-12	A4B36	Solid	Naphthalene		1.300	J	0.27	4.4	ug/Kg
P2642-12	A4B36	Solid	Phenanthrene		35.000		0.24	4.4	ug/Kg
P2642-12	A4B36	Solid	Pyrene		55.000		0.32	4.4	ug/Kg
Total Svoc :					379.48				
Total Concentration:					379.48				

Client ID : A4B37

P2642-13	A4B37	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg	
Total Tics :					0.00				
P2642-13	A4B37	Solid	Acenaphthylene		3.200	J	0.37	3.7	ug/Kg
P2642-13	A4B37	Solid	Anthracene		4.400		0.19	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-13	A4B37	Solid	Benzo(a)anthracene	20.000		0.1	3.7	ug/Kg
P2642-13	A4B37	Solid	Benzo(a)pyrene	18.000		0.36	3.7	ug/Kg
P2642-13	A4B37	Solid	Benzo(b)fluoranthene	25.000		0.53	3.7	ug/Kg
P2642-13	A4B37	Solid	Benzo(g,h,i)perylene	11.000		0.84	3.7	ug/Kg
P2642-13	A4B37	Solid	Benzo(k)fluoranthene	9.900		0.36	3.7	ug/Kg
P2642-13	A4B37	Solid	Chrysene	17.000		0.28	3.7	ug/Kg
P2642-13	A4B37	Solid	Dibenzo(a,h)anthracene	3.100	J	0.53	3.7	ug/Kg
P2642-13	A4B37	Solid	Fluoranthene	34.000		0.2	3.7	ug/Kg
P2642-13	A4B37	Solid	Fluorene	1.000	J	0.25	3.7	ug/Kg
P2642-13	A4B37	Solid	Indeno(1,2,3-cd)pyrene	10.000		0.58	3.7	ug/Kg
P2642-13	A4B37	Solid	Naphthalene	0.860	J	0.22	3.7	ug/Kg
P2642-13	A4B37	Solid	Phenanthrene	12.000		0.2	3.7	ug/Kg
P2642-13	A4B37	Solid	Pyrene	29.000		0.27	3.7	ug/Kg

Total Svoc : 198.46

Total Concentration: 198.46

Client ID : A4BH7

P2642-14	A4BH7	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :					0.00			
P2642-14	A4BH7	Solid	1-Methylnaphthalene	J	4.000	0.89	5.6	ug/Kg
P2642-14	A4BH7	Solid	2-Methylnaphthalene	J	4.800	0.32	5.6	ug/Kg
P2642-14	A4BH7	Solid	Acenaphthene		24.000	0.31	5.6	ug/Kg
P2642-14	A4BH7	Solid	Acenaphthylene		21.000	0.56	5.6	ug/Kg
P2642-14	A4BH7	Solid	Anthracene		79.000	0.29	5.6	ug/Kg
P2642-14	A4BH7	Solid	Benzo(a)anthracene	E	320.000	0.16	5.6	ug/Kg
P2642-14	A4BH7	Solid	Benzo(a)pyrene	E	210.000	0.55	5.6	ug/Kg
P2642-14	A4BH7	Solid	Benzo(b)fluoranthene	E	460.000	0.8	5.6	ug/Kg
P2642-14	A4BH7	Solid	Benzo(g,h,i)perylene		29.000	1.3	5.6	ug/Kg
P2642-14	A4BH7	Solid	Benzo(k)fluoranthene	E	150.000	0.55	5.6	ug/Kg
P2642-14	A4BH7	Solid	Chrysene	E	320.000	0.43	5.6	ug/Kg
P2642-14	A4BH7	Solid	Dibenzo(a,h)anthracene		54.000	0.8	5.6	ug/Kg
P2642-14	A4BH7	Solid	Fluoranthene	E	690.000	0.31	5.6	ug/Kg
P2642-14	A4BH7	Solid	Fluorene		26.000	0.37	5.6	ug/Kg
P2642-14	A4BH7	Solid	Indeno(1,2,3-cd)pyrene	E	150.000	0.89	5.6	ug/Kg
P2642-14	A4BH7	Solid	Naphthalene		8.400	0.34	5.6	ug/Kg
P2642-14	A4BH7	Solid	Phenanthrene	E	360.000	0.31	5.6	ug/Kg
P2642-14	A4BH7	Solid	Pyrene	E	490.000	0.41	5.6	ug/Kg

Total Svoc : 3,400.20

Total Concentration: 3,400.20

Client ID : A4BH7DL

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-14DL	A4BH7DL	Solid	Total Alkanes	*	0.000	D 7.6	57	ug/Kg
Total Tics :				0.00				
P2642-14DL	A4BH7DL	Solid	Acenaphthene	28.000	D	1.5	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Acenaphthylene	27.000	JD	2.8	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Anthracene	92.000	D	1.4	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Benzo(a)anthracene	350.000	D	0.79	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Benzo(a)pyrene	250.000	D	2.7	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Benzo(b)fluoranthene	560.000	ED	4	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Benzo(g,h,i)perylene	35.000	D	6.4	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Benzo(k)fluoranthene	180.000	D	2.7	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Chrysene	370.000	D	2.1	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Dibenzo(a,h)anthracene	63.000	D	4	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Fluoranthene	790.000	ED	1.5	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Fluorene	29.000	D	1.9	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Indeno(1,2,3-cd)pyrene	190.000	D	4.4	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Naphthalene	9.900	JD	1.7	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Phenanthrene	440.000	D	1.5	28	ug/Kg
P2642-14DL	A4BH7DL	Solid	Pyrene	600.000	ED	2	28	ug/Kg
Total Svoc :				4,013.90				
Total Concentration:				4,013.90				
Client ID : A4BH8								
P2642-15	A4BH8	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
P2642-15	A4BH8	Solid	1-Methylnaphthalene	8.100		0.65	4.1	ug/Kg
P2642-15	A4BH8	Solid	2-Methylnaphthalene	7.200		0.24	4.1	ug/Kg
P2642-15	A4BH8	Solid	Acenaphthene	10.000		0.22	4.1	ug/Kg
P2642-15	A4BH8	Solid	Acenaphthylene	11.000		0.41	4.1	ug/Kg
P2642-15	A4BH8	Solid	Anthracene	22.000		0.21	4.1	ug/Kg
P2642-15	A4BH8	Solid	Benzo(a)anthracene	68.000	E	0.12	4.1	ug/Kg
P2642-15	A4BH8	Solid	Benzo(a)pyrene	65.000		0.4	4.1	ug/Kg
P2642-15	A4BH8	Solid	Benzo(b)fluoranthene	84.000	E	0.58	4.1	ug/Kg
P2642-15	A4BH8	Solid	Benzo(g,h,i)perylene	42.000		0.93	4.1	ug/Kg
P2642-15	A4BH8	Solid	Benzo(k)fluoranthene	31.000		0.4	4.1	ug/Kg
P2642-15	A4BH8	Solid	Chrysene	75.000	E	0.31	4.1	ug/Kg
P2642-15	A4BH8	Solid	Dibenzo(a,h)anthracene	11.000		0.58	4.1	ug/Kg
P2642-15	A4BH8	Solid	Fluoranthene	130.000	E	0.22	4.1	ug/Kg
P2642-15	A4BH8	Solid	Fluorene	11.000		0.27	4.1	ug/Kg
P2642-15	A4BH8	Solid	Indeno(1,2,3-cd)pyrene	34.000		0.65	4.1	ug/Kg
P2642-15	A4BH8	Solid	Naphthalene	6.500		0.25	4.1	ug/Kg
P2642-15	A4BH8	Solid	Phenanthrene	130.000	E	0.22	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-15	A4BH8	Solid	Pyrene	140.000	E	0.3	4.1	ug/Kg
Total Svoc :				885.80				
Total Concentration:				885.80				
Client ID : A4BH8DL								
P2642-15DL	A4BH8DL	Solid	Total Alkanes	*	0.000	D 5.5	42	ug/Kg
Total Tics :				0.00				
P2642-15DL	A4BH8DL	Solid	1-Methylnaphthalene	8.500	JD	3.2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	2-Methylnaphthalene	6.600	JD	1.2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Acenaphthene	10.000	JD	1.1	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Acenaphthylene	10.000	JD	2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Anthracene	22.000	D	1.1	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Benzo(a)anthracene	63.000	D	0.58	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Benzo(a)pyrene	66.000	D	2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Benzo(b)fluoranthene	86.000	D	2.9	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Benzo(g,h,i)perylene	46.000	D	4.7	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Benzo(k)fluoranthene	26.000	D	2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Chrysene	77.000	D	1.6	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Dibenzo(a,h)anthracene	10.000	JD	2.9	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Fluoranthene	140.000	D	1.1	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Fluorene	10.000	JD	1.4	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Indeno(1,2,3-cd)pyrene	36.000	D	3.2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Naphthalene	6.800	JD	1.2	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Phenanthrene	140.000	D	1.1	20	ug/Kg
P2642-15DL	A4BH8DL	Solid	Pyrene	150.000	D	1.5	20	ug/Kg
Total Svoc :				913.90				
Total Concentration:				913.90				
Client ID : A4B38								
P2642-16	A4B38	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :				0.00				
P2642-16	A4B38	Solid	Acenaphthene	2.100	J	0.31	5.8	ug/Kg
P2642-16	A4B38	Solid	Acenaphthylene	4.400	J	0.58	5.8	ug/Kg
P2642-16	A4B38	Solid	Anthracene	7.100		0.3	5.8	ug/Kg
P2642-16	A4B38	Solid	Benzo(a)anthracene	28.000		0.16	5.8	ug/Kg
P2642-16	A4B38	Solid	Benzo(a)pyrene	30.000		0.56	5.8	ug/Kg
P2642-16	A4B38	Solid	Benzo(b)fluoranthene	46.000		0.82	5.8	ug/Kg
P2642-16	A4B38	Solid	Benzo(g,h,i)perylene	23.000		1.3	5.8	ug/Kg
P2642-16	A4B38	Solid	Benzo(k)fluoranthene	18.000		0.56	5.8	ug/Kg
P2642-16	A4B38	Solid	Chrysene	32.000		0.44	5.8	ug/Kg
P2642-16	A4B38	Solid	Dibenzo(a,h)anthracene	5.400	J	0.82	5.8	ug/Kg
P2642-16	A4B38	Solid	Fluoranthene	60.000		0.31	5.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-16	A4B38	Solid	Fluorene	2.400	J	0.38	5.8	ug/Kg
P2642-16	A4B38	Solid	Indeno(1,2,3-cd)pyrene	19.000		0.91	5.8	ug/Kg
P2642-16	A4B38	Solid	Naphthalene	1.800	J	0.35	5.8	ug/Kg
P2642-16	A4B38	Solid	Phenanthrene	28.000		0.31	5.8	ug/Kg
P2642-16	A4B38	Solid	Pyrene	50.000		0.42	5.8	ug/Kg
Total Svoc :				357.20				
Total Concentration:				357.20				
Client ID : A4B39								
P2642-17	A4B39	Solid	Total Alkanes	*	0.000	1.7	13	ug/Kg
Total Tics :				0.00				
P2642-17	A4B39	Solid	Acenaphthene	4.200	J	0.35	6.5	ug/Kg
P2642-17	A4B39	Solid	Acenaphthylene	4.200	J	0.65	6.5	ug/Kg
P2642-17	A4B39	Solid	Anthracene	11.000		0.33	6.5	ug/Kg
P2642-17	A4B39	Solid	Benzo(a)anthracene	36.000		0.18	6.5	ug/Kg
P2642-17	A4B39	Solid	Benzo(a)pyrene	39.000		0.63	6.5	ug/Kg
P2642-17	A4B39	Solid	Benzo(b)fluoranthene	53.000		0.92	6.5	ug/Kg
P2642-17	A4B39	Solid	Benzo(g,h,i)perylene	27.000		1.5	6.5	ug/Kg
P2642-17	A4B39	Solid	Benzo(k)fluoranthene	19.000		0.63	6.5	ug/Kg
P2642-17	A4B39	Solid	Chrysene	37.000		0.49	6.5	ug/Kg
P2642-17	A4B39	Solid	Dibenzo(a,h)anthracene	6.400	J	0.92	6.5	ug/Kg
P2642-17	A4B39	Solid	Fluoranthene	79.000		0.35	6.5	ug/Kg
P2642-17	A4B39	Solid	Fluorene	4.100	J	0.43	6.5	ug/Kg
P2642-17	A4B39	Solid	Indeno(1,2,3-cd)pyrene	22.000		1	6.5	ug/Kg
P2642-17	A4B39	Solid	Naphthalene	1.900	J	0.39	6.5	ug/Kg
P2642-17	A4B39	Solid	Phenanthrene	49.000		0.35	6.5	ug/Kg
P2642-17	A4B39	Solid	Pyrene	73.000		0.47	6.5	ug/Kg
Total Svoc :				465.80				
Total Concentration:				465.80				
Client ID : A4B39DL								
P2642-17DL	A4B39DL	Solid	Total Alkanes	*	0.000	D 8.7	66	ug/Kg
Total Tics :				0.00				
P2642-17DL	A4B39DL	Solid	Anthracene	12.000	JD	1.7	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Benzo(a)anthracene	37.000	D	0.91	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Benzo(a)pyrene	39.000	D	3.1	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Benzo(b)fluoranthene	55.000	D	4.6	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Benzo(g,h,i)perylene	28.000	JD	7.4	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Benzo(k)fluoranthene	19.000	JD	3.1	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Chrysene	36.000	D	2.5	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Fluoranthene	79.000	D	1.8	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Indeno(1,2,3-cd)pyrene	23.000	JD	5.1	32	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BM061024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2642-17DL	A4B39DL	Solid	Phenanthrene	50.000	D	1.8	32	ug/Kg
P2642-17DL	A4B39DL	Solid	Pyrene	80.000	D	2.4	32	ug/Kg
Total Svoc :				458.00				
Total Concentration:				458.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM060624 SAS No.: BM060624 SDG No.: BM060624
Instrument ID: _____ Calibration Date(s): 6/6/2024 1: _____
Calibration Time(s): 14:09 _____

LAB FILE ID:		RRFAL1 = BM045865.D			RRFAL2 = BM045866.D		RRFAL3 = BM045867.D	
		RRFAL4 = BM045868.D			RRFAL5 = BM045869.D		RRFAL6 = BM045870.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.609	0.462	0.526	0.501	0.509	0.521	10.4
1,4-Dioxane-d8		0.461	0.396	0.484	0.459	0.479	0.456	7.7
Naphthalene	1.068	1.074	1.007	1.058	1.019		1.045	2.9
1-Methylnaphthalene	0.740	0.738	0.704	0.728	0.715		0.725	2.1
2-Methylnaphthalene	0.682	0.666	0.643	0.678	0.665		0.666	2.3
Acenaphthylene	1.849	1.818	1.739	1.861	1.829		1.819	2.6
Acenaphthene	1.377	1.348	1.274	1.365	1.319		1.337	3.1
Fluorene	1.532	1.447	1.444	1.547	1.502		1.494	3.2
Pentachlorophenol		0.069	0.063	0.077	0.078	0.087	0.075	12.0
Phenanthrene	1.242	1.124	1.044	1.119	1.087		1.123	6.6
Anthracene	0.949	0.932	0.905	0.999	1.004		0.958	4.5
Fluoranthene	1.653	1.580	1.538	1.574	1.631		1.595	2.9
Pyrene	1.742	1.666	1.594	1.637	1.680		1.664	3.3
Benzo(a)anthracene	1.524	1.461	1.348	1.507	1.501		1.468	4.8
Chrysene	1.680	1.653	1.513	1.610	1.536		1.598	4.5
Benzo(b)fluoranthene	1.380	1.297	1.246	1.331	1.380		1.327	4.3
Benzo(k)fluoranthene	1.523	1.519	1.354	1.491	1.403		1.458	5.2
Benzo(a)pyrene	1.393	1.364	1.216	1.329	1.296		1.319	5.2
Indeno(1,2,3-cd)pyrene	1.812	1.743	1.554	1.754	1.667		1.706	5.8
Dibenzo(a,h)anthracene	1.444	1.409	1.235	1.399	1.333		1.364	6.1
Benzo(g,h,i)perylene	1.550	1.517	1.350	1.513	1.427		1.471	5.6
Fluoranthene-d10	1.204	1.188	1.170	1.187	1.240		1.198	2.2
2-Methylnaphthalene-d10	0.577	0.580	0.558	0.586	0.576		0.575	1.8

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.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4010 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045867.D Time Analyzed: 10:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5098	7.485	16286	10.25	9715	14.12
	UPPER LIMIT	10196	7.985	32572	10.753	19430	14.621
	LOWER LIMIT	2549	6.985	8143	9.753	4857.5	13.621
	EPA SAMPLE NO.						
01	SBLK249	4126	7.46	13109	10.23	6821	14.11
02	A4C15MS	3799	7.47	11520	10.24	6509	14.11
03	A4C15MSD	3936	7.47	12250	10.24	6765	14.10
04	A4BH0	5211	7.46	16530	10.23	8252	14.11
05	A4BH1	4789	7.46	15012	10.23	7770	14.11
06	A4B38	4470	7.46	14134	10.23	7186	14.11
07	A4B32	4729	7.46	15478	10.23	8235	14.10
08	A4B36	5492	7.46	17909	10.23	8918	14.11
09	A4B37	5813	7.46	18618	10.23	9489	14.11
10	A4BH7	4798	7.46	15184	10.23	7616	14.10
11	A4BH8	4430	7.46	14016	10.23	7311	14.10
12	SBLK249	5011	7.46	16059	10.23	7873	14.11
13	A4BH6	4190	7.46	13296	10.23	6635	14.11
14	A4B35	4462	7.46	14386	10.23	7238	14.10
15	A4BH2	4467	7.46	14312	10.23	7228	14.11
16	A4B39	4680	7.46	15181	10.23	7468	14.10
17	A4BH3	4043	7.46	12939	10.23	6737	14.10
18	A4BH0DL	4602	7.46	14510	10.24	8053	14.11
19	A4C18MS	4367	7.46	13637	10.24	7086	14.11
20	A4B32DL	4587	7.46	14243	10.24	7720	14.11
21	A4BH7DL	4232	7.46	13202	10.24	7625	14.11
22	A4BH8DL	4576	7.46	14222	10.24	7825	14.11
23	A4BH6DL	4597	7.46	14346	10.24	7641	14.11

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4010 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BM045867.D Time Analyzed: 01:00

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	5098	7.485	16286	10.25	9715	14.12
UPPER LIMIT	10196	7.985	32572	10.753	19430	14.621
LOWER LIMIT	2549	6.985	8143	9.753	4857.5	13.621
EPA SAMPLE NO.						
24 A4B35DL	4601	7.46	14348	10.24	8184	14.11
25 A4BH2DL	4544	7.46	14544	10.24	7867	14.11
26 A4B39DL	4391	7.46	13538	10.24	7739	14.11
27 A4BH3DL	4382	7.46	14029	10.24	7649	14.11

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.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4122 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045942.D Time Analyzed: 10:27

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3509	7.472	10759	10.24	6118	14.11
UPPER LIMIT	7018	7.972	21518	10.742	12236	14.612
LOWER LIMIT	1754.5	6.972	5379.5	9.742	3059	13.612
EPA SAMPLE NO.						
01 SBLK249	4126	7.46	13109	10.23	6821	14.11
02 A4C15MS	3799	7.47	11520	10.24	6509	14.11
03 A4C15MSD	3936	7.47	12250	10.24	6765	14.10
04 A4BH0	5211	7.46	16530	10.23	8252	14.11
05 A4BH1	4789	7.46	15012	10.23	7770	14.11
06 A4B38	4470	7.46	14134	10.23	7186	14.11
07 A4B32	4729	7.46	15478	10.23	8235	14.10
08 A4B36	5492	7.46	17909	10.23	8918	14.11
09 A4B37	5813	7.46	18618	10.23	9489	14.11
10 A4BH7	4798	7.46	15184	10.23	7616	14.10
11 A4BH8	4430	7.46	14016	10.23	7311	14.10

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4123

Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045954.D

Time Analyzed: 17:45

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	4374	7.468	13999	10.24	7526	14.11
	UPPER LIMIT	8748	7.968	27998	10.744	15052	14.614
	LOWER LIMIT	2187	6.968	6999.5	9.744	3763	13.614
	EPA SAMPLE NO.						
01	SBLK249	5011	7.46	16059	10.23	7873	14.11
02	A4BH6	4190	7.46	13296	10.23	6635	14.11
03	A4B35	4462	7.46	14386	10.23	7238	14.10
04	A4BH2	4467	7.46	14312	10.23	7228	14.11
05	A4B39	4680	7.46	15181	10.23	7468	14.10
06	A4BH3	4043	7.46	12939	10.23	6737	14.10
07	A4BH0DL	4602	7.46	14510	10.24	8053	14.11
08	A4C18MS	4367	7.46	13637	10.24	7086	14.11
09	A4B32DL	4587	7.46	14243	10.24	7720	14.11
10	A4BH7DL	4232	7.46	13202	10.24	7625	14.11
11	A4BH8DL	4576	7.46	14222	10.24	7825	14.11
12	A4BH6DL	4597	7.46	14346	10.24	7641	14.11
13	A4B35DL	4601	7.46	14348	10.24	8184	14.11
14	A4BH2DL	4544	7.46	14544	10.24	7867	14.11
15	A4B39DL	4391	7.46	13538	10.24	7739	14.11
16	A4BH3DL	4382	7.46	14029	10.24	7649	14.11



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4123 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BM045954.D Time Analyzed: 02:48

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	4374	7.468	13999	10.24	7526	14.11
UPPER LIMIT	8748	7.968	27998	10.744	15052	14.614
LOWER LIMIT	2187	6.968	6999.5	9.744	3763	13.614
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4010 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045867.D Time Analyzed: 10:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	20314	16.866	15505	21.053	18210	23.166
	UPPER LIMIT	40628	17.366	31010	21.553	36420	23.666
	LOWER LIMIT	10157	16.366	7752.5	20.553	9105	22.666
	EPA SAMPLE NO.						
01	SBLK249	14590	16.85	10513	21.05	10988	23.16
02	A4C15MS	13407	16.85	11798	21.04	15900	23.15
03	A4C15MSD	14078	16.85	11551	21.04	15177	23.15
04	A4BH0	17164	16.84	13386	21.04	14313	23.15
05	A4BH1	15947	16.85	12708	21.04	13735	23.15
06	A4B38	14655	16.85	11436	21.04	12500	23.15
07	A4B32	18829	16.85	14987	21.04	16487	23.14
08	A4B36	17308	16.84	12849	21.04	13610	23.15
09	A4B37	18751	16.84	15208	21.04	16152	23.15
10	A4BH7	15948	16.84	12228	21.04	13953	23.15
11	A4BH8	15834	16.85	12670	21.04	13416	23.15
12	SBLK249	15371	16.85	11193	21.05	11665	23.15
13	A4BH6	13503	16.85	10483	21.04	11058	23.15
14	A4B35	13944	16.85	10931	21.04	12038	23.15
15	A4BH2	14481	16.84	11182	21.04	11982	23.15
16	A4B39	14308	16.85	10455	21.04	11274	23.15
17	A4BH3	13659	16.84	10852	21.04	11327	23.15
18	A4BH0DL	16390	16.85	13661	21.04	15244	23.15
19	A4C18MS	12996	16.85	10418	21.04	11826	23.15
20	A4B32DL	13725	16.85	10307	21.04	11491	23.14
21	A4BH7DL	15200	16.85	13051	21.04	14391	23.14

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4010 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045867.D Time Analyzed: 23:47

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	20314	16.866	15505	21.053	18210	23.166
UPPER LIMIT	40628	17.366	31010	21.553	36420	23.666
LOWER LIMIT	10157	16.366	7752.5	20.553	9105	22.666
EPA SAMPLE NO.						
22 A4BH8DL	14079	16.85	10823	21.04	11755	23.15
23 A4BH6DL	13341	16.85	10065	21.05	11156	23.15
24 A4B35DL	16275	16.85	13421	21.04	14511	23.15
25 A4BH2DL	13496	16.85	9551	21.05	10820	23.15
26 A4B39DL	15184	16.85	11896	21.04	13020	23.15
27 A4BH3DL	12770	16.85	8848	21.05	10039	23.15

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.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4122 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045942.D Time Analyzed: 10:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	12081	16.857	9242	21.047	12375	23.151
	UPPER LIMIT	24162	17.357	18484	21.547	24750	23.651
	LOWER LIMIT	6040.5	16.357	4621	20.547	6187.5	22.651
	EPA SAMPLE NO.						
01	SBLK249	14590	16.85	10513	21.05	10988	23.16
02	A4C15MS	13407	16.85	11798	21.04	15900	23.15
03	A4C15MSD	14078	16.85	11551	21.04	15177	23.15
04	A4BH0	17164	16.84	13386	21.04	14313	23.15
05	A4BH1	15947	16.85	12708	21.04	13735	23.15
06	A4B38	14655	16.85	11436	21.04	12500	23.15
07	A4B32	18829	16.85	14987	21.04	16487	23.14
08	A4B36	17308	16.84	12849	21.04	13610	23.15
09	A4B37	18751	16.84	15208	21.04	16152	23.15
10	A4BH7	15948	16.84	12228	21.04	13953	23.15
11	A4BH8	15834	16.85	12670	21.04	13416	23.15

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.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4123 Date Analyzed: Jun 10 2024 12:00AM

Lab File ID: BM045954.D Time Analyzed: 17:45

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	14198	16.858	11438	21.049	14570	23.156
	UPPER LIMIT	28396	17.358	22876	21.549	29140	23.656
	LOWER LIMIT	7099	16.358	5719	20.549	7285	22.656
	EPA SAMPLE NO.						
01	SBLK249	15371	16.85	11193	21.05	11665	23.15
02	A4BH6	13503	16.85	10483	21.04	11058	23.15
03	A4B35	13944	16.85	10931	21.04	12038	23.15
04	A4BH2	14481	16.84	11182	21.04	11982	23.15
05	A4B39	14308	16.85	10455	21.04	11274	23.15
06	A4BH3	13659	16.84	10852	21.04	11327	23.15
07	A4BH0DL	16390	16.85	13661	21.04	15244	23.15
08	A4C18MS	12996	16.85	10418	21.04	11826	23.15
09	A4B32DL	13725	16.85	10307	21.04	11491	23.14
10	A4BH7DL	15200	16.85	13051	21.04	14391	23.14
11	A4BH8DL	14079	16.85	10823	21.04	11755	23.15
12	A4BH6DL	13341	16.85	10065	21.05	11156	23.15
13	A4B35DL	16275	16.85	13421	21.04	14511	23.15
14	A4BH2DL	13496	16.85	9551	21.05	10820	23.15
15	A4B39DL	15184	16.85	11896	21.04	13020	23.15
16	A4BH3DL	12770	16.85	8848	21.05	10039	23.15

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061024 SAS No.: BM061024 SDG NO.: BM061024

EPA Sample No.: SSTD0.4123 Date Analyzed: Jun 11 2024 12:00AM

Lab File ID: BM045954.D Time Analyzed: 02:48

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	14198	16.858	11438	21.049	14570	23.156
UPPER LIMIT	28396	17.358	22876	21.549	29140	23.656
LOWER LIMIT	7099	16.358	5719	20.549	7285	22.656
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK249

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061024

SAS No.: BM061024 SDG NO.: BM061024

Lab File ID: BM045955.D

Lab Sample ID: PB161249BL

Instrument ID: BNA_M

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/10/2024

Level: (low/med) LOW

Time Analyzed: 17:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BH6	P2642-09	BM045956.D	06/10/2024
A4B35	P2642-11	BM045957.D	06/10/2024
A4BH2	P2642-07	BM045958.D	06/10/2024
A4B39	P2642-17	BM045959.D	06/10/2024
A4BH3	P2642-08	BM045960.D	06/10/2024
A4BH0	P2642-05	BM045946.D	06/10/2024
A4BH1	P2642-06	BM045947.D	06/10/2024
A4B38	P2642-16	BM045948.D	06/10/2024
A4B32	P2642-10	BM045949.D	06/10/2024
A4B36	P2642-12	BM045950.D	06/10/2024
A4B37	P2642-13	BM045951.D	06/10/2024
A4BH7	P2642-14	BM045952.D	06/10/2024
A4BH8	P2642-15	BM045953.D	06/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4C15MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061024

SAS No.: BM061024 SDG NO.: BM061024

Lab File ID: BM045944.D

Lab Sample ID: P2640-05MS

Instrument ID: BNA_M

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/10/2024

Level: (low/med) LOW

Time Analyzed: 11:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C15MS	P2640-05MS	BM045944.D	06/10/2024
A4C15MSD	P2640-06MSD	BM045945.D	06/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM061024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2640-05MS	Client Sample ID:	A4C15MS					DataFile:	BM045944.D		
1,4-Dioxane	93.2		52	ug/Kg	56				15	120	
Naphthalene	18.6	34	31	ug/Kg	-16				0	0	
1-Methylnaphthalene	18.6	16	19	ug/Kg	16				0	0	
2-Methylnaphthalene	18.6	20	22	ug/Kg	11				0	0	
Acenaphthylene	18.6	38	44	ug/Kg	32				0	0	
Acenaphthene	18.6	92	57	ug/Kg	-188	*			31	137	
Fluorene	18.6	93	64	ug/Kg	-156				0	0	
Pentachlorophenol	37.3		22	ug/Kg	59				17	109	
Phenanthrene	18.6	1000	680	ug/Kg	-1720				0	0	
Anthracene	18.6	200	160	ug/Kg	-215				0	0	
Fluoranthene	18.6	1900	1100	ug/Kg	-4301				0	0	
Pyrene	18.6	1300	760	ug/Kg	-2903	*			35	142	
Benzo(a)anthracene	18.6	820	540	ug/Kg	-1505				0	0	
Chrysene	18.6	790	520	ug/Kg	-1452				0	0	
Benzo(b)fluoranthene	18.6	970	630	ug/Kg	-1828				0	0	
Benzo(k)fluoranthene	18.6	350	230	ug/Kg	-645				0	0	
Benzo(a)pyrene	18.6	380	280	ug/Kg	-538				0	0	
Indeno(1,2,3-cd)pyrene	18.6	240	200	ug/Kg	-215				0	0	
Dibenzo(a,h)anthracene	18.6	100	83	ug/Kg	-91				0	0	
Benzo(g,h,i)perylene	18.6	42	37	ug/Kg	-27				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM061024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2640-06MSD	Client Sample ID:	A4C15MSD					DataFile:	BM045945.D		
1,4-Dioxane	93.1		56	ug/Kg	60		7		15	120	50
Naphthalene	18.6	34	34	ug/Kg	0		200	*	0	0	0
1-Methylnaphthalene	18.6	16	21	ug/Kg	27		51	*	0	0	0
2-Methylnaphthalene	18.6	20	25	ug/Kg	27		84	*	0	0	0
Acenaphthylene	18.6	38	45	ug/Kg	38		17	*	0	0	0
Acenaphthene	18.6	92	60	ug/Kg	-172	*	9		31	137	19
Fluorene	18.6	93	66	ug/Kg	-145		7	*	0	0	0
Pentachlorophenol	37.2		27	ug/Kg	73		21		17	109	47
Phenanthrene	18.6	1000	680	ug/Kg	-1720		0		0	0	0
Anthracene	18.6	200	150	ug/Kg	-269		22	*	0	0	0
Fluoranthene	18.6	1900	1100	ug/Kg	-4301		0		0	0	0
Pyrene	18.6	1300	770	ug/Kg	-2849	*	2		35	142	36
Benzo(a)anthracene	18.6	820	520	ug/Kg	-1613		7	*	0	0	0
Chrysene	18.6	790	500	ug/Kg	-1559		7	*	0	0	0
Benzo(b)fluoranthene	18.6	970	630	ug/Kg	-1828		0		0	0	0
Benzo(k)fluoranthene	18.6	350	210	ug/Kg	-753		15	*	0	0	0
Benzo(a)pyrene	18.6	380	270	ug/Kg	-591		9	*	0	0	0
Indeno(1,2,3-cd)pyrene	18.6	240	200	ug/Kg	-215		0		0	0	0
Dibenzo(a,h)anthracene	18.6	100	81	ug/Kg	-102		11	*	0	0	0
Benzo(g,h,i)perylene	18.6	42	34	ug/Kg	-43		46	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM061024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2642-02DL	A4C18MS	BM045962.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.15	36		20	140
P2642-05	A4BH0	BM045946.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
P2642-05DL	A4BH0DL	BM045961.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2642-06	A4BH1	BM045947.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Fluoranthene-d10	0.4	0.17	42		30	130
			2-Methylnaphthalene-d10	0.4	0.15	36		20	140
P2642-07	A4BH2	BM045958.D	1,4-Dioxane-d8	8	4.35	54		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2642-07DL	A4BH2DL	BM045968.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2642-08	A4BH3	BM045960.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P2642-08DL	A4BH3DL	BM045970.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P2642-09	A4BH6	BM045956.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.18	46		20	140
P2642-09DL	A4BH6DL	BM045966.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P2642-10	A4B32	BM045949.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P2642-10DL	A4B32DL	BM045963.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2642-11	A4B35	BM045957.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P2642-11DL	A4B35DL	BM045967.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2642-12	A4B36	BM045950.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P2642-13	A4B37	BM045951.D	1,4-Dioxane-d8	8	2.39	30		15	120
			Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P2642-14	A4BH7	BM045952.D	1,4-Dioxane-d8	8	3.59	45		15	120

Surrogate Summary

SW-846

SDG No.: **BM061024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2642-14	A4BH7	BM045952.D	Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2642-14DL	A4BH7DL	BM045964.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2642-15	A4BH8	BM045953.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P2642-15DL	A4BH8DL	BM045965.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2642-16	A4B38	BM045948.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.16	41		20	140
P2642-17	A4B39	BM045959.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2642-17DL	A4B39DL	BM045969.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
PB161249BL	PB161249BL	BM045943.D	1,4-Dioxane-d8	8	5.88	73		15	120
		BM045955.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
		BM045943.D	Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
		BM045955.D	2-Methylnaphthalene-d10	0.4	0.24	61		20	140



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

Surrogate Summary

SW-846

SDG No.: BM061024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2640-05MS	A4C15MS	BM045944.D	1,4-Dioxane-d8	0.8	0.51	64		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2640-06MSD	A4C15MSD	BM045945.D	1,4-Dioxane-d8	0.8	0.53	67		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061024

Lab Code: CHEM

SAS No.: BM061024

SDG NO.: BM061024

Lab File ID: BM045941.D

DFTPP Injection Date: 06/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68.4
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	54.7
70	Less than 2.0% of mass 69	0.2 (0.3) 1
127	10.0 - 80.0% of mass 198	53.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	8.7
442	Greater than 50% of mass 198	52.5
443	15.0 - 24.0% of mass 442	10.1 (19.3) 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
SSTD0.4122	SSTDCCC0.4	BM045942.D	06/10/2024	09:16
SBLK249	PB161249BL	BM045943.D	06/10/2024	10:27
A4C15MS	P2640-05MS	BM045944.D	06/10/2024	11:06
A4C15MSD	P2640-06MSD	BM045945.D	06/10/2024	11:42
A4BH0	P2642-05	BM045946.D	06/10/2024	12:19
A4BH1	P2642-06	BM045947.D	06/10/2024	12:55
A4B38	P2642-16	BM045948.D	06/10/2024	13:31
A4B32	P2642-10	BM045949.D	06/10/2024	14:07
A4B36	P2642-12	BM045950.D	06/10/2024	14:43
A4B37	P2642-13	BM045951.D	06/10/2024	15:20
A4BH7	P2642-14	BM045952.D	06/10/2024	15:56
A4BH8	P2642-15	BM045953.D	06/10/2024	16:32
SSTD0.4123	SSTDCCC0.4	BM045954.D	06/10/2024	17:09
SBLK249	PB161249BL	BM045955.D	06/10/2024	17:45
A4BH6	P2642-09	BM045956.D	06/10/2024	18:21
A4B35	P2642-11	BM045957.D	06/10/2024	18:58
A4BH2	P2642-07	BM045958.D	06/10/2024	19:34
A4B39	P2642-17	BM045959.D	06/10/2024	20:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061024

Lab Code: CHEM

SAS No.: BM061024

SDG NO.: BM061024

Lab File ID: BM045941.D

DFTPP Injection Date: 06/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68.4
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	54.7
70	Less than 2.0% of mass 69	0.2 (0.3) 1
127	10.0 - 80.0% of mass 198	53.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	8.7
442	Greater than 50% of mass 198	52.5
443	15.0 - 24.0% of mass 442	10.1 (19.3) 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
A4BH3	P2642-08	BM045960.D	06/10/2024	20:47
A4BH0DL	P2642-05DL	BM045961.D	06/10/2024	21:23
A4C18MS	P2642-02DL	BM045962.D	06/10/2024	21:59
A4B32DL	P2642-10DL	BM045963.D	06/10/2024	22:35
A4BH7DL	P2642-14DL	BM045964.D	06/10/2024	23:11
A4BH8DL	P2642-15DL	BM045965.D	06/10/2024	23:47
A4BH6DL	P2642-09DL	BM045966.D	06/11/2024	00:23
A4B35DL	P2642-11DL	BM045967.D	06/11/2024	01:00
A4BH2DL	P2642-07DL	BM045968.D	06/11/2024	01:36
A4B39DL	P2642-17DL	BM045969.D	06/11/2024	02:12
A4BH3DL	P2642-08DL	BM045970.D	06/11/2024	02:48
SSTD0.4124	SSTDCCC0.4EC	BM045971.D	06/11/2024	04:00