

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG No.: BM071224

Instrument ID: BNA_M Calibration Date/Time: 7/12/2024 1:09:22

Lab File ID: BM046539.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4163 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.351	0.372	0.010	6.1346	40.0
1,4-Dioxane-d8	0.329	0.339	0.010	3.0901	40.0
Naphthalene	1.018	1.019	0.600	0.1495	30.0
1-Methylnaphthalene	0.730	0.740	0.300	1.409	30.0
2-Methylnaphthalene	0.715	0.729	0.300	2.0381	30.0
Acenaphthylene	1.821	1.822	0.900	0.046	30.0
Acenaphthene	1.220	1.223	0.500	0.2675	30.0
Fluorene	1.509	1.533	0.700	1.5654	30.0
Pentachlorophenol	0.203	0.150	0.010	-25.9521	50.0
Phenanthrene	1.141	1.118	0.300	-2.0899	30.0
Anthracene	1.114	1.063	0.400	-4.6051	30.0
Fluoranthene	1.643	1.651	0.400	0.4685	30.0
Pyrene	1.779	1.724	0.500	-3.0787	30.0
Benzo (a) anthracene	1.770	1.691	0.400	-4.4639	30.0
Chrysene	1.712	1.661	0.400	-2.9694	30.0
Benzo (b) fluoranthene	1.598	1.561	0.200	-2.2927	30.0
Benzo (k) fluoranthene	1.569	1.582	0.200	0.8719	30.0
Benzo (a) pyrene	1.315	1.276	0.200	-3.0021	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.962	0.200	-1.974	30.0
Dibenzo (a,h) anthracene	1.584	1.554	0.200	-1.9344	30.0
Benzo (g,h,i) perylene	1.597	1.580	0.200	-1.0605	30.0
Fluoranthene-d10	1.217	1.219	0.400	0.1641	30.0
2-Methylnaphthalene-d10	0.645	0.652	0.300	1.0871	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.: BM071224 SAS No.: BM071224 SDG No.: BM071224

Instrument ID: BNA_M Calibration Date/Time: 7/12/2024 1:18:51

Lab File ID: BM046551.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4164 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.351	0.360	0.010	2.516	40.0
1,4-Dioxane-d8	0.329	0.319	0.010	-2.9301	40.0
Naphthalene	1.018	1.001	0.600	-1.5815	30.0
1-Methylnaphthalene	0.730	0.719	0.300	-1.4483	30.0
2-Methylnaphthalene	0.715	0.705	0.300	-1.444	30.0
Acenaphthylene	1.821	1.810	0.900	-0.611	30.0
Acenaphthene	1.220	1.229	0.500	0.7142	30.0
Fluorene	1.509	1.499	0.700	-0.6689	30.0
Pentachlorophenol	0.203	0.150	0.010	-25.9222	50.0
Phenanthrene	1.141	1.110	0.300	-2.7177	30.0
Anthracene	1.114	1.056	0.400	-5.2349	30.0
Fluoranthene	1.643	1.619	0.400	-1.4631	30.0
Pyrene	1.779	1.650	0.500	-7.2244	30.0
Benzo (a) anthracene	1.770	1.649	0.400	-6.8001	30.0
Chrysene	1.712	1.606	0.400	-6.1844	30.0
Benzo (b) fluoranthene	1.598	1.493	0.200	-6.5642	30.0
Benzo (k) fluoranthene	1.569	1.496	0.200	-4.5959	30.0
Benzo (a) pyrene	1.315	1.241	0.200	-5.6	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.918	0.200	-4.1431	30.0
Dibenzo (a,h) anthracene	1.584	1.512	0.200	-4.5364	30.0
Benzo (g,h,i) perylene	1.597	1.511	0.200	-5.3489	30.0
Fluoranthene-d10	1.217	1.205	0.400	-0.9582	30.0
2-Methylnaphthalene-d10	0.645	0.643	0.300	-0.2952	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.: BM071224 SAS No.: BM071224 SDG No.: BM071224
Instrument ID: BNA_M Calibration Date/Time: 7/13/2024 1:05:57
Lab File ID: BM046569.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4165 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.351	0.325	0.010	-7.2664	40.0
1,4-Dioxane-d8	0.329	0.299	0.010	-8.8807	40.0
Naphthalene	1.018	1.029	0.600	1.1167	30.0
1-Methylnaphthalene	0.730	0.750	0.300	2.8318	30.0
2-Methylnaphthalene	0.715	0.705	0.300	-1.3785	30.0
Acenaphthylene	1.821	1.932	0.900	6.1016	30.0
Acenaphthene	1.220	1.298	0.500	6.3819	30.0
Fluorene	1.509	1.490	0.700	-1.3055	30.0
Pentachlorophenol	0.203	0.147	0.010	-27.323	50.0
Phenanthrene	1.141	1.143	0.300	0.1787	30.0
Anthracene	1.114	1.095	0.400	-1.67	30.0
Fluoranthene	1.643	1.816	0.400	10.5543	30.0
Pyrene	1.779	1.855	0.500	4.2615	30.0
Benzo (a) anthracene	1.770	1.736	0.400	-1.9129	30.0
Chrysene	1.712	1.657	0.400	-3.2351	30.0
Benzo (b) fluoranthene	1.598	1.567	0.200	-1.9258	30.0
Benzo (k) fluoranthene	1.569	1.535	0.200	-2.1254	30.0
Benzo (a) pyrene	1.315	1.452	0.200	10.4137	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.898	0.200	-5.1324	30.0
Dibenzo (a,h) anthracene	1.584	1.506	0.200	-4.9216	30.0
Benzo (g,h,i) perylene	1.597	1.563	0.200	-2.093	30.0
Fluoranthene-d10	1.217	1.286	0.400	5.6578	30.0
2-Methylnaphthalene-d10	0.645	0.626	0.300	-2.9575	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.: BM071224 SAS No.: BM071224 SDG No.: BM071224
Instrument ID: BNA_M Calibration Date/Time: 7/13/2024 1:17:31
Lab File ID: BM046586.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4166 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.351	0.264	0.010	-24.7795	50.0
1,4-Dioxane-d8	0.329	0.256	0.010	-22.1716	50.0
Naphthalene	1.018	1.037	0.600	1.8782	50.0
1-Methylnaphthalene	0.730	0.761	0.300	4.3205	50.0
2-Methylnaphthalene	0.715	0.718	0.300	0.4273	50.0
Acenaphthylene	1.821	1.927	0.900	5.8258	50.0
Acenaphthene	1.220	1.282	0.500	5.1228	50.0
Fluorene	1.509	1.489	0.700	-1.3749	50.0
Pentachlorophenol	0.203	0.156	0.010	-22.8806	50.0
Phenanthrene	1.141	1.141	0.300	-0.0661	50.0
Anthracene	1.114	1.114	0.400	-0.0348	50.0
Fluoranthene	1.643	1.824	0.400	10.9994	50.0
Pyrene	1.779	1.873	0.500	5.3053	50.0
Benzo (a) anthracene	1.770	1.747	0.400	-1.2735	50.0
Chrysene	1.712	1.642	0.400	-4.1136	50.0
Benzo (b) fluoranthene	1.598	1.589	0.200	-0.5679	50.0
Benzo (k) fluoranthene	1.569	1.532	0.200	-2.3186	50.0
Benzo (a) pyrene	1.315	1.453	0.200	10.4885	50.0
Indeno (1,2,3-cd) pyrene	2.001	1.717	0.200	-14.1943	50.0
Dibenzo (a,h) anthracene	1.584	1.364	0.200	-13.9178	50.0
Benzo (g,h,i) perylene	1.597	1.512	0.200	-5.2699	50.0
Fluoranthene-d10	1.217	1.309	0.400	7.5372	50.0
2-Methylnaphthalene-d10	0.645	0.635	0.300	-1.5695	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK940	SDG No.:	BM071224
Lab Sample ID:	PB161940BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046540.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.615		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1505	7.51				
1146-65-2	Naphthalene-d8	3441	10.27				
15067-26-2	Acenaphthene-d10	2248	14.154				

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK940	SDG No.:	BM071224
Lab Sample ID:	PB161940BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046540.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4947	16.904				
1719-03-5	Chrysene-d12	4152	21.111				
1520-96-3	Perylene-d12	4972	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP0	SDG No.:	BM071224
Lab Sample ID:	P3035-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 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
BM046541.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.88	U	0.88	0	6.6	ug/Kg
91-20-3	Naphthalene	360	E	0.2	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.51	U	0.51	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	300	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	370	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	110	E	0.22	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.6	ug/Kg
85-01-8	Phenanthrene	180	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	230	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	260	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	79	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	180	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	65	E	0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	E	0.32	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.32	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	E	0.51	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31		0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	E	0.74	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.296		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.196		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1189		7.51			
1146-65-2	Naphthalene-d8	2836		10.27			
15067-26-2	Acenaphthene-d10	2003		14.154			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP0	SDG No.:	BM071224
Lab Sample ID:	P3035-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 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
BM046541.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5021	16.904				
1719-03-5	Chrysene-d12	6348	21.111				
1520-96-3	Perylene-d12	8147	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.88	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP0DL	SDG No.:	BM071224
Lab Sample ID:	P3035-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 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
BM046542.D	10	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.8	U	8.8	0	66	ug/Kg
91-20-3	Naphthalene	400	D	2	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.1	U	5.1	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.2	33	ug/Kg
208-96-8	Acenaphthylene	330	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	400	D	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	110	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.6	66	ug/Kg
85-01-8	Phenanthrene	200	D	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	240	D	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	370	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	110	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	190	D	0.92	8.2	33	ug/Kg
218-01-9	Chrysene	72	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	D	5.1	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	4.7	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	D	7.4	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.34		15-120		43	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2527		7.514			
1146-65-2	Naphthalene-d8	6378		10.27			
15067-26-2	Acenaphthene-d10	4022		14.154			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP0DL	SDG No.:	BM071224
Lab Sample ID:	P3035-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 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
BM046542.D	10	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8480	16.908				
1719-03-5	Chrysene-d12	6606	21.114				
1520-96-3	Perylene-d12	7317	23.256				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3	SDG No.:	BM071224
Lab Sample ID:	P3102-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046543.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.88	U	0.88	0	6.7	ug/Kg
91-20-3	Naphthalene	180	E	0.2	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	270	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	620	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	110	E	0.22	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	640	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	520	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	280	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	320	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	270	E	0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	E	0.32	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	45		0.32	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	E	0.52	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	E	0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	E	0.75	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.49		15-120		61	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.366		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		20-140		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1933		7.51			
1146-65-2	Naphthalene-d8	4754		10.271			
15067-26-2	Acenaphthene-d10	3102		14.15			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3	SDG No.:	BM071224
Lab Sample ID:	P3102-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046543.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7220	16.905				
1719-03-5	Chrysene-d12	7800	21.114				
1520-96-3	Perylene-d12	9469	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.88	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3DL	SDG No.:	BM071224
Lab Sample ID:	P3102-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046544.D	10	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.8	U	8.8	0	67	ug/Kg
91-20-3	Naphthalene	190	D	2	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.2	33	ug/Kg
208-96-8	Acenaphthylene	280	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	660	ED	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	110	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.6	67	ug/Kg
85-01-8	Phenanthrene	680	ED	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	540	ED	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	350	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	390	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	0.92	8.2	33	ug/Kg
218-01-9	Chrysene	280	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	46	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	D	5.2	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	D	4.7	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	D	7.5	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.59		15-120		74	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.47		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.38		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2756	7.51				
1146-65-2	Naphthalene-d8	6963	10.27				
15067-26-2	Acenaphthene-d10	4368	14.154				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3DL	SDG No.:	BM071224
Lab Sample ID:	P3102-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046544.D	10	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9240	16.904				
1719-03-5	Chrysene-d12	7346	21.111				
1520-96-3	Perylene-d12	8580	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4DP9	SDG No.:	BM071224
Lab Sample ID:	P3087-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM046545.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

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	470	E	0.2	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	430	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	390	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	210	E	0.22	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	210	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	150	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	220	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	250	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	76	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	140	E	0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.32	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.32	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	E	0.52	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	E	0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	E	0.75	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.404		15-120		50	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1849	7.51				
1146-65-2	Naphthalene-d8	4618	10.271				
15067-26-2	Acenaphthene-d10	3051	14.155				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4DP9	SDG No.:	BM071224
Lab Sample ID:	P3087-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM046545.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6884	16.905				
1719-03-5	Chrysene-d12	6499	21.111				
1520-96-3	Perylene-d12	7669	23.256				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3DL2	SDG No.:	BM071224
Lab Sample ID:	P3102-01DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046546.D	20	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	0	130	ug/Kg
91-20-3	Naphthalene	190	D	4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	10	U	10	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	3.8	U	3.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	280	D	6.6	16.4	66	ug/Kg
83-32-9	Acenaphthene	640	D	3.6	16.4	66	ug/Kg
86-73-7	Fluorene	110	D	4.4	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	33.3	130	ug/Kg
85-01-8	Phenanthrene	660	D	3.6	16.4	66	ug/Kg
120-12-7	Anthracene	510	D	3.4	16.4	66	ug/Kg
206-44-0	Fluoranthene	340	D	3.6	16.4	66	ug/Kg
129-00-0	Pyrene	380	D	4.8	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	1.8	16.4	66	ug/Kg
218-01-9	Chrysene	280	D	5	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	D	9.3	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	6.4	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	46	JD	6.4	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	D	10	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	D	9.3	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	D	15	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.72	*	15-120		1	SPK: -80
93951-69-0	Fluoranthene-d10	0.48		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.4		20-140		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2744		7.51			
1146-65-2	Naphthalene-d8	6783		10.271			
15067-26-2	Acenaphthene-d10	4115		14.155			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP3DL2	SDG No.:	BM071224
Lab Sample ID:	P3102-01DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046546.D	20	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8585	16.905				
1719-03-5	Chrysene-d12	6638	21.108				
1520-96-3	Perylene-d12	7823	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	18	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4DP9DL	SDG No.:	BM071224
Lab Sample ID:	P3087-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM046547.D	10	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.9	U	8.9	0	67	ug/Kg
91-20-3	Naphthalene	420	D	2	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.2	33	ug/Kg
208-96-8	Acenaphthylene	380	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	340	D	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	180	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.7	67	ug/Kg
85-01-8	Phenanthrene	190	D	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	130	D	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	220	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	240	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	67	D	0.93	8.2	33	ug/Kg
218-01-9	Chrysene	130	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	180	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	D	5.2	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	D	4.7	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	D	7.5	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.48		15-120		60	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1948		7.51			
1146-65-2	Naphthalene-d8	4751		10.271			
15067-26-2	Acenaphthene-d10	3007		14.155			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4DP9DL	SDG No.:	BM071224
Lab Sample ID:	P3087-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM046547.D	10	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6480	16.905				
1719-03-5	Chrysene-d12	5187	21.111				
1520-96-3	Perylene-d12	6370	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1	SDG No.:	BM071224
Lab Sample ID:	P3088-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046548.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.88	U	0.88	0	6.7	ug/Kg
91-20-3	Naphthalene	410	E	0.2	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	650	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	800	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	50		0.22	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	510	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	670	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	360	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	64	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	71	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	48		0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.32	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	330	E	0.32	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340	E	0.52	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	E	0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	E	0.75	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.558		15-120		70	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.383		20-140		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1352		7.51			
1146-65-2	Naphthalene-d8	3265		10.271			
15067-26-2	Acenaphthene-d10	2243		14.155			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1	SDG No.:	BM071224
Lab Sample ID:	P3088-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046548.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5470	16.905				
1719-03-5	Chrysene-d12	6727	21.114				
1520-96-3	Perylene-d12	7660	23.256				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.88	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL2	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046549.D	20	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	0	130	ug/Kg
91-20-3	Naphthalene	350	D	4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	10	U	10	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	3.8	U	3.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	550	D	6.6	16.4	66	ug/Kg
83-32-9	Acenaphthene	690	D	3.6	16.4	66	ug/Kg
86-73-7	Fluorene	42	JD	4.4	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	33.3	130	ug/Kg
85-01-8	Phenanthrene	450	D	3.6	16.4	66	ug/Kg
120-12-7	Anthracene	550	D	3.4	16.4	66	ug/Kg
206-44-0	Fluoranthene	400	D	3.6	16.4	66	ug/Kg
129-00-0	Pyrene	70	D	4.8	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	63	JD	1.8	16.4	66	ug/Kg
218-01-9	Chrysene	45	JD	5	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	9.3	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	6.4	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	280	D	6.4	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290	D	10	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	D	9.3	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	D	15	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.68		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2158		7.51			
1146-65-2	Naphthalene-d8	5482		10.27			
15067-26-2	Acenaphthene-d10	3401		14.154			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL2	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046549.D	20	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7123	16.903				
1719-03-5	Chrysene-d12	5769	21.111				
1520-96-3	Perylene-d12	6764	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	18	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046550.D	10	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.8	U	8.8	0	67	ug/Kg
91-20-3	Naphthalene	330	D	2	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.2	33	ug/Kg
208-96-8	Acenaphthylene	510	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	640	ED	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	39	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.6	67	ug/Kg
85-01-8	Phenanthrene	410	D	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	510	D	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	350	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	61	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	56	D	0.92	8.2	33	ug/Kg
218-01-9	Chrysene	40	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	260	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	D	5.2	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	D	4.7	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	D	7.5	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.62		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1857		7.51			
1146-65-2	Naphthalene-d8	4511		10.27			
15067-26-2	Acenaphthene-d10	2888		14.154			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046550.D	10	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6272	16.904				
1719-03-5	Chrysene-d12	5341	21.111				
1520-96-3	Perylene-d12	6693	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK866	SDG No.:	BM071224
Lab Sample ID:	PB161866BL	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
BM046552.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

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	7.108		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.392		20-140		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1228	7.51				
1146-65-2	Naphthalene-d8	3092	10.271				
15067-26-2	Acenaphthene-d10	2264	14.155				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK866	SDG No.:	BM071224
Lab Sample ID:	PB161866BL	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
BM046552.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4839	16.905				
1719-03-5	Chrysene-d12	4088	21.108				
1520-96-3	Perylene-d12	4880	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM5MS	SDG No.:	BM071224
Lab Sample ID:	P3059-04MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046553.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.78		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.44		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.62		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.296		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1927		7.51			
1146-65-2	Naphthalene-d8	4721		10.27			
15067-26-2	Acenaphthene-d10	3078		14.154			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM5MS	SDG No.:	BM071224
Lab Sample ID:	P3059-04MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046553.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6701	16.903				
1719-03-5	Chrysene-d12	5926	21.111				
1520-96-3	Perylene-d12	8077	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM5MSD	SDG No.:	BM071224
Lab Sample ID:	P3059-05MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046554.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.74		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.44		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.64		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.277		15-120		35	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.449		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3081		7.51			
1146-65-2	Naphthalene-d8	7982		10.27			
15067-26-2	Acenaphthene-d10	4884		14.154			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM5MSD	SDG No.:	BM071224
Lab Sample ID:	P3059-05MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046554.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10204	16.904				
1719-03-5	Chrysene-d12	8152	21.108				
1520-96-3	Perylene-d12	9948	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046555.D	10	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.8	U	8.8	0	67	ug/Kg
91-20-3	Naphthalene	340	D	2	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.2	33	ug/Kg
208-96-8	Acenaphthylene	520	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	650	ED	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	38	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.6	67	ug/Kg
85-01-8	Phenanthrene	420	D	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	510	D	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	390	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	66	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	59	D	0.92	8.2	33	ug/Kg
218-01-9	Chrysene	39	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	270	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	D	5.2	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	D	4.7	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	D	7.5	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.37	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3310		7.51			
1146-65-2	Naphthalene-d8	8554		10.271			
15067-26-2	Acenaphthene-d10	5365		14.151			

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DP1DL	SDG No.:	BM071224
Lab Sample ID:	P3088-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.2 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
BM046555.D	10	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11286	16.905				
1719-03-5	Chrysene-d12	8661	21.108				
1520-96-3	Perylene-d12	10056	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BM071224
Lab Sample ID:	P3137-22	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046556.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.107		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2733	7.51				
1146-65-2	Naphthalene-d8	7242	10.271				
15067-26-2	Acenaphthene-d10	4647	14.151				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BM071224
Lab Sample ID:	P3137-22	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046556.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10394	16.905				
1719-03-5	Chrysene-d12	8375	21.108				
1520-96-3	Perylene-d12	8565	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BM071224
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046557.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	34		0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	46		0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	67		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	70	E	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	820	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	150	E	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	1500	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	890	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	610	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	640	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	760	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	E	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	300	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	E	0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37		0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.022		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2701		7.51			
1146-65-2	Naphthalene-d8	7229		10.271			
15067-26-2	Acenaphthene-d10	4860		14.15			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7	SDG No.:	BM071224
Lab Sample ID:	P3087-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM046557.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11827	16.905				
1719-03-5	Chrysene-d12	9900	21.108				
1520-96-3	Perylene-d12	12688	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MS	SDG No.:	BM071224
Lab Sample ID:	P3087-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM046558.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38		1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	110	E	0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	72	E	0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	85	E	0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	140	E	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	360	E	0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	380	E	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	13		2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	3200	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	760	E	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	4500	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	2800	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1500	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	1400	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	E	0.61	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	500	E	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	660	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380	E	0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	E	0.61	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	E	0.97	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.359		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.338		30-130		84	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	3893		7.51			
1146-65-2	Naphthalene-d8	10514		10.271			
15067-26-2	Acenaphthene-d10	7170		14.15			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MS	SDG No.:	BM071224
Lab Sample ID:	P3087-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM046558.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14663	16.905				
1719-03-5	Chrysene-d12	9095	21.111				
1520-96-3	Perylene-d12	13016	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BM071224
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM046559.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40		1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	110	E	0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	78	E	0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	91	E	0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	150	E	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	390	E	0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	410	E	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	14		2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	3400	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	820	E	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	5000	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	3000	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1700	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	1600	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	E	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	700	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	E	0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	E	0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	E	0.97	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.371		15-120		46	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.369		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3489		7.51			
1146-65-2	Naphthalene-d8	9558		10.27			
15067-26-2	Acenaphthene-d10	6548		14.154			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB7MSD	SDG No.:	BM071224
Lab Sample ID:	P3087-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM046559.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13410	16.908				
1719-03-5	Chrysene-d12	8001	21.111				
1520-96-3	Perylene-d12	11848	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BM071224
Lab Sample ID:	P3137-24	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046560.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.949		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3368		7.514			
1146-65-2	Naphthalene-d8	9508		10.27			
15067-26-2	Acenaphthene-d10	6088		14.154			

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BM071224
Lab Sample ID:	P3137-24	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046560.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13141	16.904				
1719-03-5	Chrysene-d12	9577	21.108				
1520-96-3	Perylene-d12	9086	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BM071224
Lab Sample ID:	P3137-23	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046561.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.46		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.104		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.446		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3160	7.51				
1146-65-2	Naphthalene-d8	8782	10.271				
15067-26-2	Acenaphthene-d10	5510	14.155				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BM071224
Lab Sample ID:	P3137-23	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046561.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11867	16.905				
1719-03-5	Chrysene-d12	8851	21.108				
1520-96-3	Perylene-d12	8666	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BP1	SDG No.:	BM071224
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046562.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

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	3.1	J	0.51	2.1	8.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.1	8.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.48	U	0.48	2.1	8.4	ug/Kg
208-96-8	Acenaphthylene	4.6	J	0.84	2.1	8.4	ug/Kg
83-32-9	Acenaphthene	2.6	J	0.46	2.1	8.4	ug/Kg
86-73-7	Fluorene	2.5	J	0.56	2.1	8.4	ug/Kg
87-86-5	Pentachlorophenol	5.1	U	5.1	4.2	17	ug/Kg
85-01-8	Phenanthrene	48		0.46	2.1	8.4	ug/Kg
120-12-7	Anthracene	8.1	J	0.43	2.1	8.4	ug/Kg
206-44-0	Fluoranthene	91		0.46	2.1	8.4	ug/Kg
129-00-0	Pyrene	70		0.61	2.1	8.4	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.24	2.1	8.4	ug/Kg
218-01-9	Chrysene	37		0.63	2.1	8.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	52		1.2	2.1	8.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.81	2.1	8.4	ug/Kg
50-32-8	Benzo(a)pyrene	37		0.81	2.1	8.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20		1.3	2.1	8.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6	J	1.2	2.1	8.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		1.9	2.1	8.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.661		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.226		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3740		7.51			
1146-65-2	Naphthalene-d8	10367		10.271			
15067-26-2	Acenaphthene-d10	6495		14.155			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BP1	SDG No.:	BM071224
Lab Sample ID:	P3087-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046562.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14292	16.905				
1719-03-5	Chrysene-d12	10982	21.108				
1520-96-3	Perylene-d12	10850	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR2	SDG No.:	BM071224
Lab Sample ID:	P3087-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BM046563.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

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	3	J	0.37	1.5	6.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.96	U	0.96	1.5	6.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	J	0.35	1.5	6.1	ug/Kg
208-96-8	Acenaphthylene	4.9	J	0.61	1.5	6.1	ug/Kg
83-32-9	Acenaphthene	2	J	0.33	1.5	6.1	ug/Kg
86-73-7	Fluorene	2.8	J	0.41	1.5	6.1	ug/Kg
87-86-5	Pentachlorophenol	3.7	U	3.7	3.1	12	ug/Kg
85-01-8	Phenanthrene	21		0.33	1.5	6.1	ug/Kg
120-12-7	Anthracene	6.8		0.31	1.5	6.1	ug/Kg
206-44-0	Fluoranthene	62		0.33	1.5	6.1	ug/Kg
129-00-0	Pyrene	54		0.44	1.5	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	25		0.17	1.5	6.1	ug/Kg
218-01-9	Chrysene	28		0.46	1.5	6.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	39		0.87	1.5	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.59	1.5	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.59	1.5	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.96	1.5	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.1	J	0.87	1.5	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		1.4	1.5	6.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.07		15-120		38	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	3368		7.51			
1146-65-2	Naphthalene-d8	9082		10.27			
15067-26-2	Acenaphthene-d10	5731		14.154			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR2	SDG No.:	BM071224
Lab Sample ID:	P3087-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BM046563.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12619	16.903				
1719-03-5	Chrysene-d12	9710	21.108				
1520-96-3	Perylene-d12	9736	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR3	SDG No.:	BM071224
Lab Sample ID:	P3087-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046564.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

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	25		0.3	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	8.1		0.79	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	3.5	J	0.5	1.3	5	ug/Kg
83-32-9	Acenaphthene	35		0.27	1.3	5	ug/Kg
86-73-7	Fluorene	33		0.33	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	310	E	0.27	1.3	5	ug/Kg
120-12-7	Anthracene	45		0.26	1.3	5	ug/Kg
206-44-0	Fluoranthene	330	E	0.27	1.3	5	ug/Kg
129-00-0	Pyrene	240	E	0.36	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	97	E	0.14	1.3	5	ug/Kg
218-01-9	Chrysene	100	E	0.38	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.71	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	95	E	0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42		0.79	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.71	1.3	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52		1.1	1.3	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.043		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	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	3330	7.51				
1146-65-2	Naphthalene-d8	8938	10.271				
15067-26-2	Acenaphthene-d10	5648	14.15				

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR3	SDG No.:	BM071224
Lab Sample ID:	P3087-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046564.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12398	16.905				
1719-03-5	Chrysene-d12	9072	21.108				
1520-96-3	Perylene-d12	9368	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR4	SDG No.:	BM071224
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.2
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
BM046565.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

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	2.4	J	0.3	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	0.79	U	0.79	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	J	0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	4.2	J	0.5	1.3	5	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.27	1.3	5	ug/Kg
86-73-7	Fluorene	1.6	J	0.33	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	14		0.27	1.3	5	ug/Kg
120-12-7	Anthracene	4.2	J	0.26	1.3	5	ug/Kg
206-44-0	Fluoranthene	30		0.27	1.3	5	ug/Kg
129-00-0	Pyrene	29		0.36	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.14	1.3	5	ug/Kg
218-01-9	Chrysene	18		0.38	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	25		0.71	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.5		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	19		0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.79	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.2	J	0.71	1.3	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.1	1.3	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.591		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3491		7.51			
1146-65-2	Naphthalene-d8	9257		10.271			
15067-26-2	Acenaphthene-d10	5669		14.15			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR4	SDG No.:	BM071224
Lab Sample ID:	P3087-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.2
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
BM046565.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12252	16.905				
1719-03-5	Chrysene-d12	9391	21.108				
1520-96-3	Perylene-d12	9389	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR5	SDG No.:	BM071224
Lab Sample ID:	P3087-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50
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
BM046566.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	13	ug/Kg
91-20-3	Naphthalene	3.9	J	0.4	1.6	6.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	1	1.6	6.6	ug/Kg
91-57-6	2-Methylnaphthalene	2	J	0.38	1.6	6.6	ug/Kg
208-96-8	Acenaphthylene	6.5	J	0.66	1.6	6.6	ug/Kg
83-32-9	Acenaphthene	3.6	J	0.36	1.6	6.6	ug/Kg
86-73-7	Fluorene	4.2	J	0.44	1.6	6.6	ug/Kg
87-86-5	Pentachlorophenol	4	U	4	3.3	13	ug/Kg
85-01-8	Phenanthrene	54		0.36	1.6	6.6	ug/Kg
120-12-7	Anthracene	12		0.34	1.6	6.6	ug/Kg
206-44-0	Fluoranthene	98		0.36	1.6	6.6	ug/Kg
129-00-0	Pyrene	80		0.48	1.6	6.6	ug/Kg
56-55-3	Benzo(a)anthracene	40		0.19	1.6	6.6	ug/Kg
218-01-9	Chrysene	44		0.5	1.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	59		0.94	1.6	6.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.64	1.6	6.6	ug/Kg
50-32-8	Benzo(a)pyrene	46		0.64	1.6	6.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24		1	1.6	6.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.2		0.94	1.6	6.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		1.5	1.6	6.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.992		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3527		7.51			
1146-65-2	Naphthalene-d8	9602		10.266			
15067-26-2	Acenaphthene-d10	5939		14.151			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR5	SDG No.:	BM071224
Lab Sample ID:	P3087-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50
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
BM046566.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13009	16.905				
1719-03-5	Chrysene-d12	9898	21.108				
1520-96-3	Perylene-d12	9740	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB4	SDG No.:	BM071224
Lab Sample ID:	P3087-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.2
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
BM046567.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	9.6	ug/Kg
91-20-3	Naphthalene	2.1	J	0.29	1.2	4.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.74	U	0.74	1.2	4.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.27	U	0.27	1.2	4.7	ug/Kg
208-96-8	Acenaphthylene	3.8	J	0.47	1.2	4.7	ug/Kg
83-32-9	Acenaphthene	1.9	J	0.26	1.2	4.7	ug/Kg
86-73-7	Fluorene	2.4	J	0.32	1.2	4.7	ug/Kg
87-86-5	Pentachlorophenol	2.9	U	2.9	2.4	9.6	ug/Kg
85-01-8	Phenanthrene	34		0.26	1.2	4.7	ug/Kg
120-12-7	Anthracene	6.4		0.24	1.2	4.7	ug/Kg
206-44-0	Fluoranthene	66		0.26	1.2	4.7	ug/Kg
129-00-0	Pyrene	49		0.34	1.2	4.7	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.13	1.2	4.7	ug/Kg
218-01-9	Chrysene	29		0.36	1.2	4.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	41		0.67	1.2	4.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.46	1.2	4.7	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.46	1.2	4.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.74	1.2	4.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.8		0.67	1.2	4.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		1.1	1.2	4.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.204		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3389		7.51			
1146-65-2	Naphthalene-d8	9186		10.266			
15067-26-2	Acenaphthene-d10	5773		14.151			

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB4	SDG No.:	BM071224
Lab Sample ID:	P3087-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.2
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
BM046567.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12632	16.901				
1719-03-5	Chrysene-d12	9546	21.105				
1520-96-3	Perylene-d12	9496	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BM071224
Lab Sample ID:	PB161884BS	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
BM046568.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	15		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	13		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.549		15-120		69	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4045	7.51				
1146-65-2	Naphthalene-d8	10592	10.27				
15067-26-2	Acenaphthene-d10	6389	14.149				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS884	SDG No.:	BM071224
Lab Sample ID:	PB161884BS	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
BM046568.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13165	16.904				
1719-03-5	Chrysene-d12	9755	21.105				
1520-96-3	Perylene-d12	10838	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM071224
Lab Sample ID:	PB161884BL	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
BM046570.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	5.018		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3051	7.51				
1146-65-2	Naphthalene-d8	8111	10.264				
15067-26-2	Acenaphthene-d10	5133	14.149				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM071224
Lab Sample ID:	PB161884BL	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
BM046570.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11081	16.903				
1719-03-5	Chrysene-d12	8568	21.105				
1520-96-3	Perylene-d12	8932	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5	SDG No.:	BM071224
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM046571.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	0.85	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	3.4	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	1.4	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	2.5	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	44		0.22	1	4	ug/Kg
120-12-7	Anthracene	6.7		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	86	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	66	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	28		0.11	1	4	ug/Kg
218-01-9	Chrysene	36		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	51		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	19		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	36		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.19		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.356		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2847		7.506			
1146-65-2	Naphthalene-d8	7498		10.27			
15067-26-2	Acenaphthene-d10	4803		14.149			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5	SDG No.:	BM071224
Lab Sample ID:	P3088-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM046571.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10601	16.899				
1719-03-5	Chrysene-d12	8722	21.105				
1520-96-3	Perylene-d12	9045	23.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5MS	SDG No.:	BM071224
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
Sample Wt/Vol:	30.07 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
BM046572.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	12		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	13		0.22	1	4	ug/Kg
86-73-7	Fluorene	13		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	12		2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	34		0.22	1	4	ug/Kg
120-12-7	Anthracene	15		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	68	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	57		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.11	1	4	ug/Kg
218-01-9	Chrysene	37		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	39		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.431		15-120		54	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3627		7.51			
1146-65-2	Naphthalene-d8	9181		10.264			
15067-26-2	Acenaphthene-d10	5634		14.149			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5MS	SDG No.:	BM071224
Lab Sample ID:	P3088-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
Sample Wt/Vol:	30.07 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
BM046572.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11543	16.899				
1719-03-5	Chrysene-d12	9166	21.105				
1520-96-3	Perylene-d12	10781	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5MSD	SDG No.:	BM071224
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM046573.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	12		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	13		0.22	1	4	ug/Kg
86-73-7	Fluorene	13		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	11		2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	34		0.22	1	4	ug/Kg
120-12-7	Anthracene	15		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	69	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	57		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.11	1	4	ug/Kg
218-01-9	Chrysene	37		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	22		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.432		15-120		54	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3700		7.505			
1146-65-2	Naphthalene-d8	9377		10.265			
15067-26-2	Acenaphthene-d10	5821		14.15			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC5MSD	SDG No.:	BM071224
Lab Sample ID:	P3088-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM046573.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12169	16.9				
1719-03-5	Chrysene-d12	9671	21.108				
1520-96-3	Perylene-d12	11679	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BM071224
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046574.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.8	ug/Kg
91-20-3	Naphthalene	3.2	J	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	7.2		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.8	J	0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	23		0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	6.8		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	48		0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	42		0.32	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	23		0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	27		0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	39		0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	31		0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.3		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		0.99	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.575		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.259		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3716		7.506			
1146-65-2	Naphthalene-d8	10022		10.264			
15067-26-2	Acenaphthene-d10	6475		14.149			

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BM071224
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046574.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14105	16.899				
1719-03-5	Chrysene-d12	11526	21.108				
1520-96-3	Perylene-d12	12000	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY3	SDG No.:	BM071224
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	47.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046575.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	18		0.38	1.6	6.2	ug/Kg
90-12-0	1-Methylnaphthalene	7.6		0.98	1.6	6.2	ug/Kg
91-57-6	2-Methylnaphthalene	9.6		0.36	1.6	6.2	ug/Kg
208-96-8	Acenaphthylene	32		0.62	1.6	6.2	ug/Kg
83-32-9	Acenaphthene	35		0.34	1.6	6.2	ug/Kg
86-73-7	Fluorene	34		0.42	1.6	6.2	ug/Kg
87-86-5	Pentachlorophenol	3.8	U	3.8	3.2	13	ug/Kg
85-01-8	Phenanthrene	440	E	0.34	1.6	6.2	ug/Kg
120-12-7	Anthracene	85		0.32	1.6	6.2	ug/Kg
206-44-0	Fluoranthene	930	E	0.34	1.6	6.2	ug/Kg
129-00-0	Pyrene	580	E	0.45	1.6	6.2	ug/Kg
56-55-3	Benzo(a)anthracene	360	E	0.18	1.6	6.2	ug/Kg
218-01-9	Chrysene	380	E	0.47	1.6	6.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	E	0.89	1.6	6.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.61	1.6	6.2	ug/Kg
50-32-8	Benzo(a)pyrene	200	E	0.61	1.6	6.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	E	0.98	1.6	6.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57		0.89	1.6	6.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38		1.4	1.6	6.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.382		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.178		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4288		7.506			
1146-65-2	Naphthalene-d8	11655		10.266			
15067-26-2	Acenaphthene-d10	7284		14.146			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY3	SDG No.:	BM071224
Lab Sample ID:	P3088-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	47.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046575.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16462	16.901				
1719-03-5	Chrysene-d12	11221	21.105				
1520-96-3	Perylene-d12	12719	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BM071224
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.6
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
BM046576.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	5	J	0.35	1.5	5.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	0.92	1.5	5.9	ug/Kg
91-57-6	2-Methylnaphthalene	2	J	0.34	1.5	5.9	ug/Kg
208-96-8	Acenaphthylene	8.2		0.59	1.5	5.9	ug/Kg
83-32-9	Acenaphthene	5	J	0.32	1.5	5.9	ug/Kg
86-73-7	Fluorene	5.6	J	0.39	1.5	5.9	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	3	12	ug/Kg
85-01-8	Phenanthrene	45		0.32	1.5	5.9	ug/Kg
120-12-7	Anthracene	11		0.3	1.5	5.9	ug/Kg
206-44-0	Fluoranthene	77		0.32	1.5	5.9	ug/Kg
129-00-0	Pyrene	60		0.43	1.5	5.9	ug/Kg
56-55-3	Benzo(a)anthracene	34		0.16	1.5	5.9	ug/Kg
218-01-9	Chrysene	35		0.44	1.5	5.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	49		0.83	1.5	5.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.57	1.5	5.9	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.57	1.5	5.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20		0.92	1.5	5.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.6		0.83	1.5	5.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		1.3	1.5	5.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.104		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	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	4192		7.506			
1146-65-2	Naphthalene-d8	11447		10.266			
15067-26-2	Acenaphthene-d10	6990		14.15			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BM071224
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.6
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
BM046576.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15216	16.901				
1719-03-5	Chrysene-d12	10947	21.105				
1520-96-3	Perylene-d12	10744	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D02	SDG No.:	BM071224
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046577.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	9.9	ug/Kg
91-20-3	Naphthalene	23		0.3	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	16		0.77	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.28	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	61		0.49	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	28		0.27	1.2	4.9	ug/Kg
86-73-7	Fluorene	34		0.33	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	6.2	J	3	2.5	9.9	ug/Kg
85-01-8	Phenanthrene	410	E	0.27	1.2	4.9	ug/Kg
120-12-7	Anthracene	85	E	0.25	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	910	E	0.27	1.2	4.9	ug/Kg
129-00-0	Pyrene	570	E	0.36	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	340	E	0.14	1.2	4.9	ug/Kg
218-01-9	Chrysene	390	E	0.37	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	E	0.7	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.47	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	180	E	0.47	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	E	0.77	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59		0.7	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.1	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.789		15-120		22	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.142		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3915		7.506			
1146-65-2	Naphthalene-d8	10375		10.264			
15067-26-2	Acenaphthene-d10	6799		14.149			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D02	SDG No.:	BM071224
Lab Sample ID:	P3088-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.8
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
BM046577.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14712	16.899				
1719-03-5	Chrysene-d12	9119	21.108				
1520-96-3	Perylene-d12	10485	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D09	SDG No.:	BM071224
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046578.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	4.3		0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	2.2	J	0.6	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	J	0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	15		0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	3.2	J	0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	4.4		0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	56		0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	15		0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	140	E	0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	87	E	0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	55		0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	63	E	0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	87	E	0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	35		0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	43		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29		0.6	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.914		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.266		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.186		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5424		7.51			
1146-65-2	Naphthalene-d8	15088		10.266			
15067-26-2	Acenaphthene-d10	9395		14.15			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D09	SDG No.:	BM071224
Lab Sample ID:	P3088-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046578.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20018	16.901				
1719-03-5	Chrysene-d12	12498	21.108				
1520-96-3	Perylene-d12	12576	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BM071224
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
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
BM046579.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	1.1	J	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	3.5	J	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	1.2	J	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	1.5	J	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	16		0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	3	J	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	36		0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	29		0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	17		0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	22		0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.8		0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.1		0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.8	J	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.689		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.327		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3955		7.506			
1146-65-2	Naphthalene-d8	10954		10.266			
15067-26-2	Acenaphthene-d10	6805		14.15			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BM071224
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
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
BM046579.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14540	16.901				
1719-03-5	Chrysene-d12	9608	21.108				
1520-96-3	Perylene-d12	9642	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D12	SDG No.:	BM071224
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.4
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
BM046580.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	45		0.28	1.2	4.7	ug/Kg
90-12-0	1-Methylnaphthalene	26		0.73	1.2	4.7	ug/Kg
91-57-6	2-Methylnaphthalene	34		0.27	1.2	4.7	ug/Kg
208-96-8	Acenaphthylene	99	E	0.47	1.2	4.7	ug/Kg
83-32-9	Acenaphthene	45		0.25	1.2	4.7	ug/Kg
86-73-7	Fluorene	54		0.31	1.2	4.7	ug/Kg
87-86-5	Pentachlorophenol	9.2	J	2.8	2.4	9.5	ug/Kg
85-01-8	Phenanthrene	610	E	0.25	1.2	4.7	ug/Kg
120-12-7	Anthracene	150	E	0.24	1.2	4.7	ug/Kg
206-44-0	Fluoranthene	1600	E	0.25	1.2	4.7	ug/Kg
129-00-0	Pyrene	1000	E	0.34	1.2	4.7	ug/Kg
56-55-3	Benzo(a)anthracene	640	E	0.13	1.2	4.7	ug/Kg
218-01-9	Chrysene	730	E	0.35	1.2	4.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	800	E	0.66	1.2	4.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	E	0.45	1.2	4.7	ug/Kg
50-32-8	Benzo(a)pyrene	310	E	0.45	1.2	4.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	0.73	1.2	4.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	E	0.66	1.2	4.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38		1.1	1.2	4.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.069		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.427		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4710	7.51				
1146-65-2	Naphthalene-d8	12752	10.27				
15067-26-2	Acenaphthene-d10	8268	14.149				

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D12	SDG No.:	BM071224
Lab Sample ID:	P3088-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.4
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
BM046580.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17183	16.904				
1719-03-5	Chrysene-d12	8479	21.114				
1520-96-3	Perylene-d12	11241	23.262				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CZ0	SDG No.:	BM071224
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046581.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

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	0.35	U	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	0.58	U	0.58	1.4	5.8	ug/Kg
83-32-9	Acenaphthene	0.31	U	0.31	1.4	5.8	ug/Kg
86-73-7	Fluorene	0.38	U	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	5.9		0.31	1.4	5.8	ug/Kg
120-12-7	Anthracene	1.3	J	0.3	1.4	5.8	ug/Kg
206-44-0	Fluoranthene	16		0.31	1.4	5.8	ug/Kg
129-00-0	Pyrene	11		0.42	1.4	5.8	ug/Kg
56-55-3	Benzo(a)anthracene	5.8		0.16	1.4	5.8	ug/Kg
218-01-9	Chrysene	6.8		0.44	1.4	5.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.9		0.82	1.4	5.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.4	J	0.56	1.4	5.8	ug/Kg
50-32-8	Benzo(a)pyrene	6.8		0.56	1.4	5.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4	J	0.91	1.4	5.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	J	0.82	1.4	5.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.1	J	1.3	1.4	5.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.423		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4044		7.51			
1146-65-2	Naphthalene-d8	11375		10.271			
15067-26-2	Acenaphthene-d10	7104		14.155			

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CZ0	SDG No.:	BM071224
Lab Sample ID:	P3088-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046581.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14510	16.905				
1719-03-5	Chrysene-d12	9166	21.111				
1520-96-3	Perylene-d12	9566	23.256				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BM071224
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046582.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	5.7		0.22	1	4	ug/Kg
120-12-7	Anthracene	1.3	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	12		0.22	1	4	ug/Kg
129-00-0	Pyrene	9.8		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	5		0.11	1	4	ug/Kg
218-01-9	Chrysene	5.7		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.8		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.4	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	5.8		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	J	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.4		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.318		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4901		7.51			
1146-65-2	Naphthalene-d8	13558		10.27			
15067-26-2	Acenaphthene-d10	8506		14.154			

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BM071224
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046582.D	1	7/2/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17947	16.904				
1719-03-5	Chrysene-d12	11866	21.111				
1520-96-3	Perylene-d12	12029	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B97	SDG No.:	BM071224
Lab Sample ID:	P3035-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
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
BM046583.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	4.4		0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	0.93	J	0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	11		0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	8.1		0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	4.1		0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	4.9		0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.7		0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.3	J	0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	4.7		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.7	J	0.6	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	J	0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4	J	0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.843		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.303		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4056		7.51			
1146-65-2	Naphthalene-d8	11293		10.271			
15067-26-2	Acenaphthene-d10	6928		14.15			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B97	SDG No.:	BM071224
Lab Sample ID:	P3035-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
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
BM046583.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14691	16.905				
1719-03-5	Chrysene-d12	10119	21.111				
1520-96-3	Perylene-d12	10107	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC9	SDG No.:	BM071224
Lab Sample ID:	P3035-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
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
BM046584.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

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	0.25	U	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.66	U	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	2.5	J	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	2.2	J	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	2.2	J	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	31		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	7.1		0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	71	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	52		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	26		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	29		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	39		0.6	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.41	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	29		0.41	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.4		0.6	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.616		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3795		7.51			
1146-65-2	Naphthalene-d8	10543		10.27			
15067-26-2	Acenaphthene-d10	6537		14.154			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC9	SDG No.:	BM071224
Lab Sample ID:	P3035-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
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
BM046584.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14004	16.904				
1719-03-5	Chrysene-d12	9764	21.111				
1520-96-3	Perylene-d12	9598	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BM071224
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.6
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
BM046585.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	2.4	J	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	7.4		0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	1.9	J	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	21		0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	17		0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	10		0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	14		0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.6		0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.9		0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	J	0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.226		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.249		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4887		7.51			
1146-65-2	Naphthalene-d8	13318		10.27			
15067-26-2	Acenaphthene-d10	8377		14.154			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC4	SDG No.:	BM071224
Lab Sample ID:	P3035-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.6
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
BM046585.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17778	16.904				
1719-03-5	Chrysene-d12	12404	21.111				
1520-96-3	Perylene-d12	12336	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK940	SDG No.:	BM071224
Lab Sample ID:	PB161940BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046587.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.463	*	15-120		6	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4526	7.51				
1146-65-2	Naphthalene-d8	12336	10.27				
15067-26-2	Acenaphthene-d10	7678	14.149				

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK940	SDG No.:	BM071224
Lab Sample ID:	PB161940BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046587.D	1	7/5/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15650	16.904				
1719-03-5	Chrysene-d12	11225	21.111				
1520-96-3	Perylene-d12	12148	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BM071224
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046588.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.6	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.86	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	9		0.22	1	4	ug/Kg
120-12-7	Anthracene	2	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	18		0.22	1	4	ug/Kg
129-00-0	Pyrene	16		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	7.7		0.11	1	4	ug/Kg
218-01-9	Chrysene	8.8		0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.2		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	9		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	J	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.2		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.849		15-120		23	SPK: -8
93951-69-0	Fluoranthene-d10	0.213		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.177		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3350		7.506			
1146-65-2	Naphthalene-d8	9291		10.266			
15067-26-2	Acenaphthene-d10	5810		14.151			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX8	SDG No.:	BM071224
Lab Sample ID:	P3035-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046588.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12392	16.905				
1719-03-5	Chrysene-d12	9671	21.108				
1520-96-3	Perylene-d12	10176	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BM071224
Lab Sample ID:	P3084-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046589.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.19		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.285		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0	U	30-130		0	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0	U	30-130		0	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3852		7.51			
1146-65-2	Naphthalene-d8	10403		10.271			
15067-26-2	Acenaphthene-d10	0		0			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BM071224
Lab Sample ID:	P3084-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046589.D	1	6/26/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	0	0				
1719-03-5	Chrysene-d12	0	0				
1520-96-3	Perylene-d12	0	0				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4DP0								
P3035-05	A4DP0	Solid	Total Alkanes	*	0.000	0.88	6.6	ug/Kg
			Total Tics :			0.00		
P3035-05	A4DP0	Solid	Acenaphthene		370.000	E 0.18	3.3	ug/Kg
P3035-05	A4DP0	Solid	Acenaphthylene		300.000	E 0.33	3.3	ug/Kg
P3035-05	A4DP0	Solid	Anthracene		230.000	E 0.17	3.3	ug/Kg
P3035-05	A4DP0	Solid	Benzo(a)anthracene		180.000	E 0.09	3.3	ug/Kg
P3035-05	A4DP0	Solid	Benzo(a)pyrene		120.000	E 0.32	3.3	ug/Kg
P3035-05	A4DP0	Solid	Benzo(b)fluoranthene		200.000	E 0.47	3.3	ug/Kg
P3035-05	A4DP0	Solid	Benzo(g,h,i)perylene		210.000	E 0.74	3.3	ug/Kg
P3035-05	A4DP0	Solid	Benzo(k)fluoranthene		180.000	E 0.32	3.3	ug/Kg
P3035-05	A4DP0	Solid	Chrysene		65.000	E 0.25	3.3	ug/Kg
P3035-05	A4DP0	Solid	Dibenzo(a,h)anthracene		31.000	0.47	3.3	ug/Kg
P3035-05	A4DP0	Solid	Fluoranthene		260.000	E 0.18	3.3	ug/Kg
P3035-05	A4DP0	Solid	Fluorene		110.000	E 0.22	3.3	ug/Kg
P3035-05	A4DP0	Solid	Indeno(1,2,3-cd)pyrene		93.000	E 0.51	3.3	ug/Kg
P3035-05	A4DP0	Solid	Naphthalene		360.000	E 0.2	3.3	ug/Kg
P3035-05	A4DP0	Solid	Phenanthrene		180.000	E 0.18	3.3	ug/Kg
P3035-05	A4DP0	Solid	Pyrene		79.000	E 0.24	3.3	ug/Kg
			Total Svoc :			2,968.00		
			Total Concentration:			2,968.00		
Client ID : A4DP0DL								
P3035-05DL	A4DP0DL	Solid	Total Alkanes	*	0.000	D 8.8	66	ug/Kg
			Total Tics :			0.00		
P3035-05DL	A4DP0DL	Solid	Acenaphthene		400.000	D 1.8	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Acenaphthylene		330.000	D 3.3	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Anthracene		240.000	D 1.7	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Benzo(a)anthracene		190.000	D 0.92	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Benzo(a)pyrene		130.000	D 3.2	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Benzo(b)fluoranthene		230.000	D 4.7	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Benzo(g,h,i)perylene		220.000	D 7.4	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Benzo(k)fluoranthene		210.000	D 3.2	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Chrysene		72.000	D 2.5	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Dibenzo(a,h)anthracene		34.000	D 4.7	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Fluoranthene		370.000	D 1.8	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Fluorene		110.000	D 2.2	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Indeno(1,2,3-cd)pyrene		98.000	D 5.1	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Naphthalene		400.000	D 2	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-05DL	A4DP0DL	Solid	Phenanthrene	200.000	D	1.8	33	ug/Kg
P3035-05DL	A4DP0DL	Solid	Pyrene	110.000	D	2.4	33	ug/Kg
Total Svoc :				3,344.00				
Total Concentration:				3,344.00				
Client ID :	A4CX8							
P3035-10	A4CX8	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P3035-10	A4CX8	Solid	Acenaphthene	0.860	J	0.22	4	ug/Kg
P3035-10	A4CX8	Solid	Acenaphthylene	1.600	J	0.4	4	ug/Kg
P3035-10	A4CX8	Solid	Anthracene	2.000	J	0.21	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(a)anthracene	7.700		0.11	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(a)pyrene	9.000		0.39	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(b)fluoranthene	12.000		0.58	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(g,h,i)perylene	6.200		0.92	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(k)fluoranthene	4.200		0.39	4	ug/Kg
P3035-10	A4CX8	Solid	Chrysene	8.800		0.31	4	ug/Kg
P3035-10	A4CX8	Solid	Dibenzo(a,h)anthracene	1.600	J	0.58	4	ug/Kg
P3035-10	A4CX8	Solid	Fluoranthene	18.000		0.22	4	ug/Kg
P3035-10	A4CX8	Solid	Indeno(1,2,3-cd)pyrene	5.000		0.64	4	ug/Kg
P3035-10	A4CX8	Solid	Phenanthrene	9.000		0.22	4	ug/Kg
P3035-10	A4CX8	Solid	Pyrene	16.000		0.29	4	ug/Kg
Total Svoc :				101.96				
Total Concentration:				101.96				
Client ID :	A4B97							
P3035-19	A4B97	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P3035-19	A4B97	Solid	Anthracene	0.930	J	0.2	3.8	ug/Kg
P3035-19	A4B97	Solid	Benzo(a)anthracene	4.100		0.11	3.8	ug/Kg
P3035-19	A4B97	Solid	Benzo(a)pyrene	4.700		0.37	3.8	ug/Kg
P3035-19	A4B97	Solid	Benzo(b)fluoranthene	6.700		0.55	3.8	ug/Kg
P3035-19	A4B97	Solid	Benzo(g,h,i)perylene	3.400	J	0.87	3.8	ug/Kg
P3035-19	A4B97	Solid	Benzo(k)fluoranthene	2.300	J	0.37	3.8	ug/Kg
P3035-19	A4B97	Solid	Chrysene	4.900		0.29	3.8	ug/Kg
P3035-19	A4B97	Solid	Dibenzo(a,h)anthracene	0.890	J	0.55	3.8	ug/Kg
P3035-19	A4B97	Solid	Fluoranthene	11.000		0.21	3.8	ug/Kg
P3035-19	A4B97	Solid	Indeno(1,2,3-cd)pyrene	2.700	J	0.6	3.8	ug/Kg
P3035-19	A4B97	Solid	Phenanthrene	4.400		0.21	3.8	ug/Kg
P3035-19	A4B97	Solid	Pyrene	8.100		0.28	3.8	ug/Kg
Total Svoc :				54.12				

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				54.12				
Client ID : A4CC4								
P3035-23	A4CC4	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :				0.00				
P3035-23	A4CC4	Solid	Acenaphthylene		2.400	J 0.36	3.6	ug/Kg
P3035-23	A4CC4	Solid	Anthracene		1.900	J 0.19	3.6	ug/Kg
P3035-23	A4CC4	Solid	Benzo(a)anthracene		10.000	0.1	3.6	ug/Kg
P3035-23	A4CC4	Solid	Benzo(a)pyrene		11.000	0.35	3.6	ug/Kg
P3035-23	A4CC4	Solid	Benzo(b)fluoranthene		14.000	0.51	3.6	ug/Kg
P3035-23	A4CC4	Solid	Benzo(g,h,i)perylene		7.100	0.82	3.6	ug/Kg
P3035-23	A4CC4	Solid	Benzo(k)fluoranthene		4.600	0.35	3.6	ug/Kg
P3035-23	A4CC4	Solid	Chrysene		10.000	0.27	3.6	ug/Kg
P3035-23	A4CC4	Solid	Dibenzo(a,h)anthracene		1.900	J 0.51	3.6	ug/Kg
P3035-23	A4CC4	Solid	Fluoranthene		21.000	0.2	3.6	ug/Kg
P3035-23	A4CC4	Solid	Indeno(1,2,3-cd)pyrene		5.900	0.57	3.6	ug/Kg
P3035-23	A4CC4	Solid	Phenanthrene		7.400	0.2	3.6	ug/Kg
P3035-23	A4CC4	Solid	Pyrene		17.000	0.26	3.6	ug/Kg
Total Svoc :				114.20				
Total Concentration:				114.20				
Client ID : A4CC9								
P3035-24	A4CC9	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P3035-24	A4CC9	Solid	Acenaphthene		2.200	J 0.23	4.2	ug/Kg
P3035-24	A4CC9	Solid	Acenaphthylene		2.500	J 0.42	4.2	ug/Kg
P3035-24	A4CC9	Solid	Anthracene		7.100	0.22	4.2	ug/Kg
P3035-24	A4CC9	Solid	Benzo(a)anthracene		26.000	0.12	4.2	ug/Kg
P3035-24	A4CC9	Solid	Benzo(a)pyrene		29.000	0.41	4.2	ug/Kg
P3035-24	A4CC9	Solid	Benzo(b)fluoranthene		39.000	0.6	4.2	ug/Kg
P3035-24	A4CC9	Solid	Benzo(g,h,i)perylene		19.000	0.95	4.2	ug/Kg
P3035-24	A4CC9	Solid	Benzo(k)fluoranthene		14.000	0.41	4.2	ug/Kg
P3035-24	A4CC9	Solid	Chrysene		29.000	0.32	4.2	ug/Kg
P3035-24	A4CC9	Solid	Dibenzo(a,h)anthracene		4.400	0.6	4.2	ug/Kg
P3035-24	A4CC9	Solid	Fluoranthene		71.000	E 0.23	4.2	ug/Kg
P3035-24	A4CC9	Solid	Fluorene		2.200	J 0.28	4.2	ug/Kg
P3035-24	A4CC9	Solid	Indeno(1,2,3-cd)pyrene		15.000	0.66	4.2	ug/Kg
P3035-24	A4CC9	Solid	Phenanthrene		31.000	0.23	4.2	ug/Kg
P3035-24	A4CC9	Solid	Pyrene		52.000	0.3	4.2	ug/Kg
Total Svoc :				343.40				
Total Concentration:				343.40				

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1GE2								
P3084-03	E1GE2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P3084-03	E1GE2	Water	Naphthalene		0.190	0.0043	0.1	ug/L
			Total Svoc :			0.19		
			Total Concentration:			0.19		
Client ID : A4CB7								
P3087-01	A4CB7	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
			Total Tics :			0.00		
P3087-01	A4CB7	Solid	1-Methylnaphthalene		13.000	0.67	4.2	ug/Kg
P3087-01	A4CB7	Solid	2-Methylnaphthalene		16.000	0.24	4.2	ug/Kg
P3087-01	A4CB7	Solid	Acenaphthene		67.000	0.23	4.2	ug/Kg
P3087-01	A4CB7	Solid	Acenaphthylene		46.000	0.42	4.2	ug/Kg
P3087-01	A4CB7	Solid	Anthracene		150.000	E 0.22	4.2	ug/Kg
P3087-01	A4CB7	Solid	Benzo(a)anthracene		610.000	E 0.12	4.2	ug/Kg
P3087-01	A4CB7	Solid	Benzo(a)pyrene		300.000	E 0.41	4.2	ug/Kg
P3087-01	A4CB7	Solid	Benzo(b)fluoranthene		760.000	E 0.6	4.2	ug/Kg
P3087-01	A4CB7	Solid	Benzo(g,h,i)perylene		37.000	0.96	4.2	ug/Kg
P3087-01	A4CB7	Solid	Benzo(k)fluoranthene		250.000	E 0.41	4.2	ug/Kg
P3087-01	A4CB7	Solid	Chrysene		640.000	E 0.32	4.2	ug/Kg
P3087-01	A4CB7	Solid	Dibenzo(a,h)anthracene		86.000	E 0.6	4.2	ug/Kg
P3087-01	A4CB7	Solid	Fluoranthene		1,500.000	E 0.23	4.2	ug/Kg
P3087-01	A4CB7	Solid	Fluorene		70.000	E 0.28	4.2	ug/Kg
P3087-01	A4CB7	Solid	Indeno(1,2,3-cd)pyrene		200.000	E 0.67	4.2	ug/Kg
P3087-01	A4CB7	Solid	Naphthalene		34.000	0.26	4.2	ug/Kg
P3087-01	A4CB7	Solid	Phenanthrene		820.000	E 0.23	4.2	ug/Kg
P3087-01	A4CB7	Solid	Pyrene		890.000	E 0.31	4.2	ug/Kg
			Total Svoc :			6,489.00		
			Total Concentration:			6,489.00		
Client ID : A4DP9								
P3087-04	A4DP9	Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
			Total Tics :			0.00		
P3087-04	A4DP9	Solid	Acenaphthene		390.000	E 0.18	3.3	ug/Kg
P3087-04	A4DP9	Solid	Acenaphthylene		430.000	E 0.33	3.3	ug/Kg
P3087-04	A4DP9	Solid	Anthracene		150.000	E 0.17	3.3	ug/Kg
P3087-04	A4DP9	Solid	Benzo(a)anthracene		76.000	E 0.09	3.3	ug/Kg
P3087-04	A4DP9	Solid	Benzo(a)pyrene		210.000	E 0.32	3.3	ug/Kg
P3087-04	A4DP9	Solid	Benzo(b)fluoranthene		170.000	E 0.47	3.3	ug/Kg
P3087-04	A4DP9	Solid	Benzo(g,h,i)perylene		150.000	E 0.75	3.3	ug/Kg
P3087-04	A4DP9	Solid	Benzo(k)fluoranthene		140.000	E 0.32	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-04	A4DP9	Solid	Chrysene	140.000	E	0.25	3.3	ug/Kg
P3087-04	A4DP9	Solid	Dibenzo(a,h)anthracene	140.000	E	0.47	3.3	ug/Kg
P3087-04	A4DP9	Solid	Fluoranthene	220.000	E	0.18	3.3	ug/Kg
P3087-04	A4DP9	Solid	Fluorene	210.000	E	0.22	3.3	ug/Kg
P3087-04	A4DP9	Solid	Indeno(1,2,3-cd)pyrene	170.000	E	0.52	3.3	ug/Kg
P3087-04	A4DP9	Solid	Naphthalene	470.000	E	0.2	3.3	ug/Kg
P3087-04	A4DP9	Solid	Phenanthrene	210.000	E	0.18	3.3	ug/Kg
P3087-04	A4DP9	Solid	Pyrene	250.000	E	0.24	3.3	ug/Kg
Total Svoc :				3,526.00				
Total Concentration:				3,526.00				
Client ID :	A4DP9DL							
P3087-04DL	A4DP9DL	Solid	Total Alkanes	*	0.000	D 8.9	67	ug/Kg
Total Tics :				0.00				
P3087-04DL	A4DP9DL	Solid	Acenaphthene	340.000	D	1.8	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Acenaphthylene	380.000	D	3.3	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Anthracene	130.000	D	1.7	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Benzo(a)anthracene	67.000	D	0.93	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Benzo(a)pyrene	180.000	D	3.2	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Benzo(b)fluoranthene	140.000	D	4.7	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Benzo(g,h,i)perylene	140.000	D	7.5	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Benzo(k)fluoranthene	120.000	D	3.2	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Chrysene	130.000	D	2.5	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Dibenzo(a,h)anthracene	130.000	D	4.7	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Fluoranthene	220.000	D	1.8	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Fluorene	180.000	D	2.2	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Indeno(1,2,3-cd)pyrene	160.000	D	5.2	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Naphthalene	420.000	D	2	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Phenanthrene	190.000	D	1.8	33	ug/Kg
P3087-04DL	A4DP9DL	Solid	Pyrene	240.000	D	2.4	33	ug/Kg
Total Svoc :				3,167.00				
Total Concentration:				3,167.00				
Client ID :	A4CB4							
P3087-07	A4CB4	Solid	Total Alkanes	*	0.000	1.3	9.6	ug/Kg
Total Tics :				0.00				
P3087-07	A4CB4	Solid	Acenaphthene	1.900	J	0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Acenaphthylene	3.800	J	0.47	4.7	ug/Kg
P3087-07	A4CB4	Solid	Anthracene	6.400		0.24	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(a)anthracene	24.000		0.13	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(a)pyrene	30.000		0.46	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(b)fluoranthene	41.000		0.67	4.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-07	A4CB4	Solid	Benzo(g,h,i)perylene	20.000		1.1	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(k)fluoranthene	15.000		0.46	4.7	ug/Kg
P3087-07	A4CB4	Solid	Chrysene	29.000		0.36	4.7	ug/Kg
P3087-07	A4CB4	Solid	Dibenzo(a,h)anthracene	4.800		0.67	4.7	ug/Kg
P3087-07	A4CB4	Solid	Fluoranthene	66.000		0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Fluorene	2.400	J	0.32	4.7	ug/Kg
P3087-07	A4CB4	Solid	Indeno(1,2,3-cd)pyrene	16.000		0.74	4.7	ug/Kg
P3087-07	A4CB4	Solid	Naphthalene	2.100	J	0.29	4.7	ug/Kg
P3087-07	A4CB4	Solid	Phenanthrene	34.000		0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Pyrene	49.000		0.34	4.7	ug/Kg
Total Svoc :				345.40				
Total Concentration:				345.40				
Client ID :	A4BP1							
P3087-13	A4BP1	Solid	Total Alkanes	*	0.000	2.3	17	ug/Kg
Total Tics :				0.00				
P3087-13	A4BP1	Solid	Acenaphthene	2.600	J	0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Acenaphthylene	4.600	J	0.84	8.4	ug/Kg
P3087-13	A4BP1	Solid	Anthracene	8.100	J	0.43	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(a)anthracene	32.000		0.24	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(a)pyrene	37.000		0.81	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(b)fluoranthene	52.000		1.2	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(g,h,i)perylene	24.000		1.9	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(k)fluoranthene	18.000		0.81	8.4	ug/Kg
P3087-13	A4BP1	Solid	Chrysene	37.000		0.63	8.4	ug/Kg
P3087-13	A4BP1	Solid	Dibenzo(a,h)anthracene	6.000	J	1.2	8.4	ug/Kg
P3087-13	A4BP1	Solid	Fluoranthene	91.000		0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Fluorene	2.500	J	0.56	8.4	ug/Kg
P3087-13	A4BP1	Solid	Indeno(1,2,3-cd)pyrene	20.000		1.3	8.4	ug/Kg
P3087-13	A4BP1	Solid	Naphthalene	3.100	J	0.51	8.4	ug/Kg
P3087-13	A4BP1	Solid	Phenanthrene	48.000		0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Pyrene	70.000		0.61	8.4	ug/Kg
Total Svoc :				455.90				
Total Concentration:				455.90				
Client ID :	A4BR2							
P3087-17	A4BR2	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :				0.00				
P3087-17	A4BR2	Solid	2-Methylnaphthalene	1.800	J	0.35	6.1	ug/Kg
P3087-17	A4BR2	Solid	Acenaphthene	2.000	J	0.33	6.1	ug/Kg
P3087-17	A4BR2	Solid	Acenaphthylene	4.900	J	0.61	6.1	ug/Kg
P3087-17	A4BR2	Solid	Anthracene	6.800		0.31	6.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-17	A4BR2	Solid	Benzo(a)anthracene	25.000		0.17	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(a)pyrene	30.000		0.59	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(b)fluoranthene	39.000		0.87	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(g,h,i)perylene	21.000		1.4	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(k)fluoranthene	15.000		0.59	6.1	ug/Kg
P3087-17	A4BR2	Solid	Chrysene	28.000		0.46	6.1	ug/Kg
P3087-17	A4BR2	Solid	Dibenzo(a,h)anthracene	5.100	J	0.87	6.1	ug/Kg
P3087-17	A4BR2	Solid	Fluoranthene	62.000		0.33	6.1	ug/Kg
P3087-17	A4BR2	Solid	Fluorene	2.800	J	0.41	6.1	ug/Kg
P3087-17	A4BR2	Solid	Indeno(1,2,3-cd)pyrene	16.000		0.96	6.1	ug/Kg
P3087-17	A4BR2	Solid	Naphthalene	3.000	J	0.37	6.1	ug/Kg
P3087-17	A4BR2	Solid	Phenanthrene	21.000		0.33	6.1	ug/Kg
P3087-17	A4BR2	Solid	Pyrene	54.000		0.44	6.1	ug/Kg

Total Svoc : 337.40

Total Concentration: 337.40

Client ID : A4BR3

P3087-18	A4BR3	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :					0.00			
P3087-18	A4BR3	Solid	1-Methylnaphthalene		8.100	0.79	5	ug/Kg
P3087-18	A4BR3	Solid	2-Methylnaphthalene		12.000	0.29	5	ug/Kg
P3087-18	A4BR3	Solid	Acenaphthene		35.000	0.27	5	ug/Kg
P3087-18	A4BR3	Solid	Acenaphthylene		3.500	J 0.5	5	ug/Kg
P3087-18	A4BR3	Solid	Anthracene		45.000	0.26	5	ug/Kg
P3087-18	A4BR3	Solid	Benzo(a)anthracene		97.000	E 0.14	5	ug/Kg
P3087-18	A4BR3	Solid	Benzo(a)pyrene		95.000	E 0.49	5	ug/Kg
P3087-18	A4BR3	Solid	Benzo(b)fluoranthene		120.000	E 0.71	5	ug/Kg
P3087-18	A4BR3	Solid	Benzo(g,h,i)perylene		52.000	1.1	5	ug/Kg
P3087-18	A4BR3	Solid	Benzo(k)fluoranthene		43.000	0.49	5	ug/Kg
P3087-18	A4BR3	Solid	Chrysene		100.000	E 0.38	5	ug/Kg
P3087-18	A4BR3	Solid	Dibenzo(a,h)anthracene		12.000	0.71	5	ug/Kg
P3087-18	A4BR3	Solid	Fluoranthene		330.000	E 0.27	5	ug/Kg
P3087-18	A4BR3	Solid	Fluorene		33.000	0.33	5	ug/Kg
P3087-18	A4BR3	Solid	Indeno(1,2,3-cd)pyrene		42.000	0.79	5	ug/Kg
P3087-18	A4BR3	Solid	Naphthalene		25.000	0.3	5	ug/Kg
P3087-18	A4BR3	Solid	Phenanthrene		310.000	E 0.27	5	ug/Kg
P3087-18	A4BR3	Solid	Pyrene		240.000	E 0.36	5	ug/Kg

Total Svoc : 1,602.60

Total Concentration: 1,602.60

Client ID : A4BR4

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-19	A4BR4	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P3087-19	A4BR4	Solid	2-Methylnaphthalene		1.400 J	0.29	5	ug/Kg
P3087-19	A4BR4	Solid	Acenaphthene		1.100 J	0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Acenaphthylene		4.200 J	0.5	5	ug/Kg
P3087-19	A4BR4	Solid	Anthracene		4.200 J	0.26	5	ug/Kg
P3087-19	A4BR4	Solid	Benzo(a)anthracene		15.000	0.14	5	ug/Kg
P3087-19	A4BR4	Solid	Benzo(a)pyrene		19.000	0.49	5	ug/Kg
P3087-19	A4BR4	Solid	Benzo(b)fluoranthene		25.000	0.71	5	ug/Kg
P3087-19	A4BR4	Solid	Benzo(g,h,i)perylene		13.000	1.1	5	ug/Kg
P3087-19	A4BR4	Solid	Benzo(k)fluoranthene		8.500	0.49	5	ug/Kg
P3087-19	A4BR4	Solid	Chrysene		18.000	0.38	5	ug/Kg
P3087-19	A4BR4	Solid	Dibenzo(a,h)anthracene		3.200 J	0.71	5	ug/Kg
P3087-19	A4BR4	Solid	Fluoranthene		30.000	0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Fluorene		1.600 J	0.33	5	ug/Kg
P3087-19	A4BR4	Solid	Indeno(1,2,3-cd)pyrene		10.000	0.79	5	ug/Kg
P3087-19	A4BR4	Solid	Naphthalene		2.400 J	0.3	5	ug/Kg
P3087-19	A4BR4	Solid	Phenanthrene		14.000	0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Pyrene		29.000	0.36	5	ug/Kg
Total Svoc :				199.60				
Total Concentration:				199.60				
Client ID : A4BR5								
P3087-20	A4BR5	Solid	Total Alkanes	*	0.000	1.8	13	ug/Kg
Total Tics :				0.00				
P3087-20	A4BR5	Solid	1-Methylnaphthalene		1.400 J	1	6.6	ug/Kg
P3087-20	A4BR5	Solid	2-Methylnaphthalene		2.000 J	0.38	6.6	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthene		3.600 J	0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthylene		6.500 J	0.66	6.6	ug/Kg
P3087-20	A4BR5	Solid	Anthracene		12.000	0.34	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(a)anthracene		40.000	0.19	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(a)pyrene		46.000	0.64	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(b)fluoranthene		59.000	0.94	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(g,h,i)perylene		29.000	1.5	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(k)fluoranthene		23.000	0.64	6.6	ug/Kg
P3087-20	A4BR5	Solid	Chrysene		44.000	0.5	6.6	ug/Kg
P3087-20	A4BR5	Solid	Dibenzo(a,h)anthracene		7.200	0.94	6.6	ug/Kg
P3087-20	A4BR5	Solid	Fluoranthene		98.000	0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Fluorene		4.200 J	0.44	6.6	ug/Kg
P3087-20	A4BR5	Solid	Indeno(1,2,3-cd)pyrene		24.000	1	6.6	ug/Kg
P3087-20	A4BR5	Solid	Naphthalene		3.900 J	0.4	6.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-20	A4BR5	Solid	Phenanthrene	54.000		0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Pyrene	80.000		0.48	6.6	ug/Kg
Total Svoc :				537.80				
Total Concentration:				537.80				
Client ID : A4DP1								
P3088-01	A4DP1	Solid	Total Alkanes	*	0.000	0.88	6.7	ug/Kg
Total Tics :				0.00				
P3088-01	A4DP1	Solid	Acenaphthene	800.000	E	0.18	3.3	ug/Kg
P3088-01	A4DP1	Solid	Acenaphthylene	650.000	E	0.33	3.3	ug/Kg
P3088-01	A4DP1	Solid	Anthracene	670.000	E	0.17	3.3	ug/Kg
P3088-01	A4DP1	Solid	Benzo(a)anthracene	71.000	E	0.09	3.3	ug/Kg
P3088-01	A4DP1	Solid	Benzo(a)pyrene	330.000	E	0.32	3.3	ug/Kg
P3088-01	A4DP1	Solid	Benzo(b)fluoranthene	160.000	E	0.47	3.3	ug/Kg
P3088-01	A4DP1	Solid	Benzo(g,h,i)perylene	90.000	E	0.75	3.3	ug/Kg
P3088-01	A4DP1	Solid	Benzo(k)fluoranthene	140.000	E	0.32	3.3	ug/Kg
P3088-01	A4DP1	Solid	Chrysene	48.000		0.25	3.3	ug/Kg
P3088-01	A4DP1	Solid	Dibenzo(a,h)anthracene	210.000	E	0.47	3.3	ug/Kg
P3088-01	A4DP1	Solid	Fluoranthene	360.000	E	0.18	3.3	ug/Kg
P3088-01	A4DP1	Solid	Fluorene	50.000		0.22	3.3	ug/Kg
P3088-01	A4DP1	Solid	Indeno(1,2,3-cd)pyrene	340.000	E	0.52	3.3	ug/Kg
P3088-01	A4DP1	Solid	Naphthalene	410.000	E	0.2	3.3	ug/Kg
P3088-01	A4DP1	Solid	Phenanthrene	510.000	E	0.18	3.3	ug/Kg
P3088-01	A4DP1	Solid	Pyrene	64.000	E	0.24	3.3	ug/Kg
Total Svoc :				4,903.00				
Total Concentration:				4,903.00				
Client ID : A4DP1DL								
P3088-01DL	A4DP1DL	Solid	Total Alkanes	*	0.000	D 8.8	67	ug/Kg
P3088-01DL	A4DP1DL	Solid	Total Alkanes	*	0.000	D 8.8	67	ug/Kg
Total Tics :				0.00				
P3088-01DL	A4DP1DL	Solid	Acenaphthene	640.000	ED	1.8	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Acenaphthylene	510.000	D	3.3	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Anthracene	510.000	D	1.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(a)anthracene	56.000	D	0.92	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(a)pyrene	260.000	D	3.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(b)fluoranthene	120.000	D	4.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(g,h,i)perylene	75.000	D	7.5	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(k)fluoranthene	110.000	D	3.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Chrysene	40.000	D	2.5	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Dibenzo(a,h)anthracene	180.000	D	4.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Fluoranthene	350.000	D	1.8	33	ug/Kg

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SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-01DL	A4DP1DL	Solid	Fluorene	39.000	D	2.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Indeno(1,2,3-cd)pyrene	280.000	D	5.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Naphthalene	330.000	D	2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Phenanthrene	410.000	D	1.8	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Pyrene	61.000	D	2.4	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Acenaphthene	650.000	ED	1.8	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Acenaphthylene	520.000	D	3.3	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Anthracene	510.000	D	1.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(a)anthracene	59.000	D	0.92	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(a)pyrene	270.000	D	3.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(b)fluoranthene	120.000	D	4.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(g,h,i)perylene	71.000	D	7.5	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Benzo(k)fluoranthene	120.000	D	3.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Chrysene	39.000	D	2.5	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Dibenzo(a,h)anthracene	180.000	D	4.7	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Fluoranthene	390.000	D	1.8	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Fluorene	38.000	D	2.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Indeno(1,2,3-cd)pyrene	270.000	D	5.2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Naphthalene	340.000	D	2	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Phenanthrene	420.000	D	1.8	33	ug/Kg
P3088-01DL	A4DP1DL	Solid	Pyrene	66.000	D	2.4	33	ug/Kg
Total Svoc :				8,034.00				
Total Concentration:				8,034.00				
Client ID :	A4DP1DL2							
P3088-01DL2	A4DP1DL2	Solid	Total Alkanes	*	0.000	D 18	130	ug/Kg
Total Tics :				0.00				
P3088-01DL2	A4DP1DL2	Solid	Acenaphthene	690.000	D	3.6	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Acenaphthylene	550.000	D	6.6	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Anthracene	550.000	D	3.4	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Benzo(a)anthracene	63.000	JD	1.8	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Benzo(a)pyrene	280.000	D	6.4	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Benzo(b)fluoranthene	140.000	D	9.3	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Benzo(g,h,i)perylene	76.000	D	15	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Benzo(k)fluoranthene	130.000	D	6.4	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Chrysene	45.000	JD	5	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Dibenzo(a,h)anthracene	190.000	D	9.3	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Fluoranthene	400.000	D	3.6	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Fluorene	42.000	JD	4.4	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Indeno(1,2,3-cd)pyrene	290.000	D	10	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Naphthalene	350.000	D	4	66	ug/Kg

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SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-01DL2	A4DP1DL2	Solid	Phenanthrene	450.000	D	3.6	66	ug/Kg
P3088-01DL2	A4DP1DL2	Solid	Pyrene	70.000	D	4.8	66	ug/Kg
Total Svoc :				4,316.00				
Total Concentration:				4,316.00				
Client ID : A4CC5								
P3088-02	A4CC5	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P3088-02	A4CC5	Solid	Acenaphthene	1.400	J	0.22	4	ug/Kg
P3088-02	A4CC5	Solid	Acenaphthylene	3.400	J	0.4	4	ug/Kg
P3088-02	A4CC5	Solid	Anthracene	6.700		0.21	4	ug/Kg
P3088-02	A4CC5	Solid	Benzo(a)anthracene	28.000		0.11	4	ug/Kg
P3088-02	A4CC5	Solid	Benzo(a)pyrene	36.000		0.39	4	ug/Kg
P3088-02	A4CC5	Solid	Benzo(b)fluoranthene	51.000		0.57	4	ug/Kg
P3088-02	A4CC5	Solid	Benzo(g,h,i)perylene	27.000		0.91	4	ug/Kg
P3088-02	A4CC5	Solid	Benzo(k)fluoranthene	19.000		0.39	4	ug/Kg
P3088-02	A4CC5	Solid	Chrysene	36.000		0.3	4	ug/Kg
P3088-02	A4CC5	Solid	Dibenzo(a,h)anthracene	6.000		0.57	4	ug/Kg
P3088-02	A4CC5	Solid	Fluoranthene	86.000	E	0.22	4	ug/Kg
P3088-02	A4CC5	Solid	Fluorene	2.500	J	0.27	4	ug/Kg
P3088-02	A4CC5	Solid	Indeno(1,2,3-cd)pyrene	22.000		0.63	4	ug/Kg
P3088-02	A4CC5	Solid	Naphthalene	0.850	J	0.24	4	ug/Kg
P3088-02	A4CC5	Solid	Phenanthrene	44.000		0.22	4	ug/Kg
P3088-02	A4CC5	Solid	Pyrene	66.000	E	0.29	4	ug/Kg
Total Svoc :				435.85				
Total Concentration:				435.85				
Client ID : A4CZ3								
P3088-06	A4CZ3	Solid	Total Alkanes	*	0.000	1.2	8.8	ug/Kg
Total Tics :				0.00				
P3088-06	A4CZ3	Solid	1-Methylnaphthalene	1.100	J	0.68	4.3	ug/Kg
P3088-06	A4CZ3	Solid	2-Methylnaphthalene	1.900	J	0.25	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Acenaphthene	1.300	J	0.24	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Acenaphthylene	7.200		0.43	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Anthracene	6.800		0.22	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Benzo(a)anthracene	23.000		0.12	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Benzo(a)pyrene	31.000		0.42	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Benzo(b)fluoranthene	39.000		0.62	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Benzo(g,h,i)perylene	22.000		0.99	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Benzo(k)fluoranthene	14.000		0.42	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Chrysene	27.000		0.33	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Dibenzo(a,h)anthracene	5.300		0.62	4.3	ug/Kg

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SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-06	A4CZ3	Solid	Fluoranthene	48.000		0.24	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Fluorene	1.800	J	0.29	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Indeno(1,2,3-cd)pyrene	17.000		0.68	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Naphthalene	3.200	J	0.26	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Phenanthrene	23.000		0.24	4.3	ug/Kg
P3088-06	A4CZ3	Solid	Pyrene	42.000		0.32	4.3	ug/Kg
Total Svoc :				314.60				
Total Concentration:				314.60				
Client ID : A4CZ4								
P3088-07	A4CZ4	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P3088-07	A4CZ4	Solid	Acenaphthylene	1.700	J	0.4	4	ug/Kg
P3088-07	A4CZ4	Solid	Anthracene	1.300	J	0.21	4	ug/Kg
P3088-07	A4CZ4	Solid	Benzo(a)anthracene	5.000		0.11	4	ug/Kg
P3088-07	A4CZ4	Solid	Benzo(a)pyrene	5.800		0.39	4	ug/Kg
P3088-07	A4CZ4	Solid	Benzo(b)fluoranthene	7.800		0.57	4	ug/Kg
P3088-07	A4CZ4	Solid	Benzo(g,h,i)perylene	4.400		0.91	4	ug/Kg
P3088-07	A4CZ4	Solid	Benzo(k)fluoranthene	2.400	J	0.39	4	ug/Kg
P3088-07	A4CZ4	Solid	Chrysene	5.700		0.3	4	ug/Kg
P3088-07	A4CZ4	Solid	Dibenzo(a,h)anthracene	1.100	J	0.57	4	ug/Kg
P3088-07	A4CZ4	Solid	Fluoranthene	12.000		0.22	4	ug/Kg
P3088-07	A4CZ4	Solid	Indeno(1,2,3-cd)pyrene	3.400	J	0.63	4	ug/Kg
P3088-07	A4CZ4	Solid	Phenanthrene	5.700		0.22	4	ug/Kg
P3088-07	A4CZ4	Solid	Pyrene	9.800		0.29	4	ug/Kg
Total Svoc :				66.10				
Total Concentration:				66.10				
Client ID : A4CY3								
P3088-11	A4CY3	Solid	Total Alkanes	*	0.000	1.7	13	ug/Kg
Total Tics :				0.00				
P3088-11	A4CY3	Solid	1-Methylnaphthalene	7.600		0.98	6.2	ug/Kg
P3088-11	A4CY3	Solid	2-Methylnaphthalene	9.600		0.36	6.2	ug/Kg
P3088-11	A4CY3	Solid	Acenaphthene	35.000		0.34	6.2	ug/Kg
P3088-11	A4CY3	Solid	Acenaphthylene	32.000		0.62	6.2	ug/Kg
P3088-11	A4CY3	Solid	Anthracene	85.000		0.32	6.2	ug/Kg
P3088-11	A4CY3	Solid	Benzo(a)anthracene	360.000	E	0.18	6.2	ug/Kg
P3088-11	A4CY3	Solid	Benzo(a)pyrene	200.000	E	0.61	6.2	ug/Kg
P3088-11	A4CY3	Solid	Benzo(b)fluoranthene	500.000	E	0.89	6.2	ug/Kg
P3088-11	A4CY3	Solid	Benzo(g,h,i)perylene	38.000		1.4	6.2	ug/Kg
P3088-11	A4CY3	Solid	Benzo(k)fluoranthene	160.000	E	0.61	6.2	ug/Kg
P3088-11	A4CY3	Solid	Chrysene	380.000	E	0.47	6.2	ug/Kg

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SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-11	A4CY3	Solid	Dibenzo(a,h)anthracene	57.000		0.89	6.2	ug/Kg
P3088-11	A4CY3	Solid	Fluoranthene	930.000	E	0.34	6.2	ug/Kg
P3088-11	A4CY3	Solid	Fluorene	34.000		0.42	6.2	ug/Kg
P3088-11	A4CY3	Solid	Indeno(1,2,3-cd)pyrene	130.000	E	0.98	6.2	ug/Kg
P3088-11	A4CY3	Solid	Naphthalene	18.000		0.38	6.2	ug/Kg
P3088-11	A4CY3	Solid	Phenanthrene	440.000	E	0.34	6.2	ug/Kg
P3088-11	A4CY3	Solid	Pyrene	580.000	E	0.45	6.2	ug/Kg
Total Svoc :				3,996.20				
Total Concentration:				3,996.20				

Client ID : A4CY4

P3088-12	A4CY4	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :					0.00			
P3088-12	A4CY4	Solid	1-Methylnaphthalene		1.400	J	0.92	ug/Kg
P3088-12	A4CY4	Solid	2-Methylnaphthalene		2.000	J	0.34	ug/Kg
P3088-12	A4CY4	Solid	Acenaphthene		5.000	J	0.32	ug/Kg
P3088-12	A4CY4	Solid	Acenaphthylene		8.200		0.59	ug/Kg
P3088-12	A4CY4	Solid	Anthracene		11.000		0.3	ug/Kg
P3088-12	A4CY4	Solid	Benzo(a)anthracene		34.000		0.16	ug/Kg
P3088-12	A4CY4	Solid	Benzo(a)pyrene		38.000		0.57	ug/Kg
P3088-12	A4CY4	Solid	Benzo(b)fluoranthene		49.000		0.83	ug/Kg
P3088-12	A4CY4	Solid	Benzo(g,h,i)perylene		24.000		1.3	ug/Kg
P3088-12	A4CY4	Solid	Benzo(k)fluoranthene		18.000		0.57	ug/Kg
P3088-12	A4CY4	Solid	Chrysene		35.000		0.44	ug/Kg
P3088-12	A4CY4	Solid	Dibenzo(a,h)anthracene		6.600		0.83	ug/Kg
P3088-12	A4CY4	Solid	Fluoranthene		77.000		0.32	ug/Kg
P3088-12	A4CY4	Solid	Fluorene		5.600	J	0.39	ug/Kg
P3088-12	A4CY4	Solid	Indeno(1,2,3-cd)pyrene		20.000		0.92	ug/Kg
P3088-12	A4CY4	Solid	Naphthalene		5.000	J	0.35	ug/Kg
P3088-12	A4CY4	Solid	Phenanthrene		45.000		0.32	ug/Kg
P3088-12	A4CY4	Solid	Pyrene		60.000		0.43	ug/Kg
Total Svoc :					444.80			
Total Concentration:					444.80			

Client ID : A4D02

P3088-14	A4D02	Solid	Total Alkanes	*	0.000	1.3	9.9	ug/Kg
Total Tics :					0.00			
P3088-14	A4D02	Solid	1-Methylnaphthalene		16.000		0.77	ug/Kg
P3088-14	A4D02	Solid	2-Methylnaphthalene		20.000		0.28	ug/Kg
P3088-14	A4D02	Solid	Acenaphthene		28.000		0.27	ug/Kg
P3088-14	A4D02	Solid	Acenaphthylene		61.000		0.49	ug/Kg
P3088-14	A4D02	Solid	Anthracene		85.000	E	0.25	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-14	A4D02	Solid	Benzo(a)anthracene	340.000	E	0.14	4.9	ug/Kg
P3088-14	A4D02	Solid	Benzo(a)pyrene	180.000	E	0.47	4.9	ug/Kg
P3088-14	A4D02	Solid	Benzo(b)fluoranthene	480.000	E	0.7	4.9	ug/Kg
P3088-14	A4D02	Solid	Benzo(g,h,i)perylene	23.000		1.1	4.9	ug/Kg
P3088-14	A4D02	Solid	Benzo(k)fluoranthene	160.000	E	0.47	4.9	ug/Kg
P3088-14	A4D02	Solid	Chrysene	390.000	E	0.37	4.9	ug/Kg
P3088-14	A4D02	Solid	Dibenzo(a,h)anthracene	59.000		0.7	4.9	ug/Kg
P3088-14	A4D02	Solid	Fluoranthene	910.000	E	0.27	4.9	ug/Kg
P3088-14	A4D02	Solid	Fluorene	34.000		0.33	4.9	ug/Kg
P3088-14	A4D02	Solid	Indeno(1,2,3-cd)pyrene	130.000	E	0.77	4.9	ug/Kg
P3088-14	A4D02	Solid	Naphthalene	23.000		0.3	4.9	ug/Kg
P3088-14	A4D02	Solid	Pentachlorophenol	6.200	J	3	9.9	ug/Kg
P3088-14	A4D02	Solid	Phenanthrene	410.000	E	0.27	4.9	ug/Kg
P3088-14	A4D02	Solid	Pyrene	570.000	E	0.36	4.9	ug/Kg

Total Svoc :

3,925.20

Total Concentration:

3,925.20

Client ID : A4D09

P3088-15	A4D09	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :					0.00			
P3088-15	A4D09	Solid	1-Methylnaphthalene		2.200	J	0.6	ug/Kg
P3088-15	A4D09	Solid	2-Methylnaphthalene		3.400	J	0.22	ug/Kg
P3088-15	A4D09	Solid	Acenaphthene		3.200	J	0.21	ug/Kg
P3088-15	A4D09	Solid	Acenaphthylene		15.000		0.38	ug/Kg
P3088-15	A4D09	Solid	Anthracene		15.000		0.2	ug/Kg
P3088-15	A4D09	Solid	Benzo(a)anthracene		55.000		0.11	ug/Kg
P3088-15	A4D09	Solid	Benzo(a)pyrene		43.000		0.37	ug/Kg
P3088-15	A4D09	Solid	Benzo(b)fluoranthene		87.000	E	0.55	ug/Kg
P3088-15	A4D09	Solid	Benzo(g,h,i)perylene		23.000		0.87	ug/Kg
P3088-15	A4D09	Solid	Benzo(k)fluoranthene		35.000		0.37	ug/Kg
P3088-15	A4D09	Solid	Chrysene		63.000	E	0.29	ug/Kg
P3088-15	A4D09	Solid	Dibenzo(a,h)anthracene		12.000		0.55	ug/Kg
P3088-15	A4D09	Solid	Fluoranthene		140.000	E	0.21	ug/Kg
P3088-15	A4D09	Solid	Fluorene		4.400		0.26	ug/Kg
P3088-15	A4D09	Solid	Indeno(1,2,3-cd)pyrene		29.000		0.6	ug/Kg
P3088-15	A4D09	Solid	Naphthalene		4.300		0.23	ug/Kg
P3088-15	A4D09	Solid	Phenanthrene		56.000		0.21	ug/Kg
P3088-15	A4D09	Solid	Pyrene		87.000	E	0.28	ug/Kg

Total Svoc :

677.50

Total Concentration:

677.50

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D11								
P3088-16	A4D11	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
P3088-16	A4D11	Solid	1-Methylnaphthalene		1.100 J	0.62	3.9	ug/Kg
P3088-16	A4D11	Solid	2-Methylnaphthalene		1.200 J	0.23	3.9	ug/Kg
P3088-16	A4D11	Solid	Acenaphthene		1.200 J	0.21	3.9	ug/Kg
P3088-16	A4D11	Solid	Acenaphthylene		3.500 J	0.39	3.9	ug/Kg
P3088-16	A4D11	Solid	Anthracene		3.000 J	0.2	3.9	ug/Kg
P3088-16	A4D11	Solid	Benzo(a)anthracene		13.000	0.11	3.9	ug/Kg
P3088-16	A4D11	Solid	Benzo(a)pyrene		16.000	0.38	3.9	ug/Kg
P3088-16	A4D11	Solid	Benzo(b)fluoranthene		22.000	0.56	3.9	ug/Kg
P3088-16	A4D11	Solid	Benzo(g,h,i)perylene		11.000	0.89	3.9	ug/Kg
P3088-16	A4D11	Solid	Benzo(k)fluoranthene		7.800	0.38	3.9	ug/Kg
P3088-16	A4D11	Solid	Chrysene		17.000	0.3	3.9	ug/Kg
P3088-16	A4D11	Solid	Dibenzo(a,h)anthracene		2.800 J	0.56	3.9	ug/Kg
P3088-16	A4D11	Solid	Fluoranthene		36.000	0.21	3.9	ug/Kg
P3088-16	A4D11	Solid	Fluorene		1.500 J	0.26	3.9	ug/Kg
P3088-16	A4D11	Solid	Indeno(1,2,3-cd)pyrene		9.100	0.62	3.9	ug/Kg
P3088-16	A4D11	Solid	Naphthalene		1.100 J	0.24	3.9	ug/Kg
P3088-16	A4D11	Solid	Phenanthrene		16.000	0.21	3.9	ug/Kg
P3088-16	A4D11	Solid	Pyrene		29.000	0.29	3.9	ug/Kg
			Total Svoc :			192.30		
			Total Concentration:			192.30		
Client ID : A4D12								
P3088-17	A4D12	Solid	Total Alkanes	*	0.000	1.3	9.5	ug/Kg
			Total Tics :			0.00		
P3088-17	A4D12	Solid	1-Methylnaphthalene		26.000	0.73	4.7	ug/Kg
P3088-17	A4D12	Solid	2-Methylnaphthalene		34.000	0.27	4.7	ug/Kg
P3088-17	A4D12	Solid	Acenaphthene		45.000	0.25	4.7	ug/Kg
P3088-17	A4D12	Solid	Acenaphthylene		99.000 E	0.47	4.7	ug/Kg
P3088-17	A4D12	Solid	Anthracene		150.000 E	0.24	4.7	ug/Kg
P3088-17	A4D12	Solid	Benzo(a)anthracene		640.000 E	0.13	4.7	ug/Kg
P3088-17	A4D12	Solid	Benzo(a)pyrene		310.000 E	0.45	4.7	ug/Kg
P3088-17	A4D12	Solid	Benzo(b)fluoranthene		800.000 E	0.66	4.7	ug/Kg
P3088-17	A4D12	Solid	Benzo(g,h,i)perylene		38.000	1.1	4.7	ug/Kg
P3088-17	A4D12	Solid	Benzo(k)fluoranthene		280.000 E	0.45	4.7	ug/Kg
P3088-17	A4D12	Solid	Chrysene		730.000 E	0.35	4.7	ug/Kg
P3088-17	A4D12	Solid	Dibenzo(a,h)anthracene		100.000 E	0.66	4.7	ug/Kg
P3088-17	A4D12	Solid	Fluoranthene		1,600.000 E	0.25	4.7	ug/Kg
P3088-17	A4D12	Solid	Fluorene		54.000	0.31	4.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-17	A4D12	Solid	Indeno(1,2,3-cd)pyrene	220.000	E	0.73	4.7	ug/Kg
P3088-17	A4D12	Solid	Naphthalene	45.000		0.28	4.7	ug/Kg
P3088-17	A4D12	Solid	Pentachlorophenol	9.200	J	2.8	9.5	ug/Kg
P3088-17	A4D12	Solid	Phenanthrene	610.000	E	0.25	4.7	ug/Kg
P3088-17	A4D12	Solid	Pyrene	1,000.000	E	0.34	4.7	ug/Kg
Total Svoc :				6,790.20				
Total Concentration:				6,790.20				
Client ID : A4CZ0								
P3088-19	A4CZ0	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :				0.00				
P3088-19	A4CZ0	Solid	Anthracene	1.300	J	0.3	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Benzo(a)anthracene	5.800		0.16	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Benzo(a)pyrene	6.800		0.56	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Benzo(b)fluoranthene	8.900		0.82	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Benzo(g,h,i)perylene	5.100	J	1.3	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Benzo(k)fluoranthene	3.400	J	0.56	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Chrysene	6.800		0.44	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Dibenzo(a,h)anthracene	1.200	J	0.82	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Fluoranthene	16.000		0.31	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Indeno(1,2,3-cd)pyrene	4.000	J	0.91	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Phenanthrene	5.900		0.31	5.8	ug/Kg
P3088-19	A4CZ0	Solid	Pyrene	11.000		0.42	5.8	ug/Kg
Total Svoc :				76.20				
Total Concentration:				76.20				
Client ID : A4DP3								
P3102-01	A4DP3	Solid	Total Alkanes	*	0.000	0.88	6.7	ug/Kg
Total Tics :				0.00				
P3102-01	A4DP3	Solid	Acenaphthene	620.000	E	0.18	3.3	ug/Kg
P3102-01	A4DP3	Solid	Acenaphthylene	270.000	E	0.33	3.3	ug/Kg
P3102-01	A4DP3	Solid	Anthracene	520.000	E	0.17	3.3	ug/Kg
P3102-01	A4DP3	Solid	Benzo(a)anthracene	160.000	E	0.09	3.3	ug/Kg
P3102-01	A4DP3	Solid	Benzo(a)pyrene	45.000		0.32	3.3	ug/Kg
P3102-01	A4DP3	Solid	Benzo(b)fluoranthene	330.000	E	0.47	3.3	ug/Kg
P3102-01	A4DP3	Solid	Benzo(g,h,i)perylene	200.000	E	0.75	3.3	ug/Kg
P3102-01	A4DP3	Solid	Benzo(k)fluoranthene	220.000	E	0.32	3.3	ug/Kg
P3102-01	A4DP3	Solid	Chrysene	270.000	E	0.25	3.3	ug/Kg
P3102-01	A4DP3	Solid	Dibenzo(a,h)anthracene	230.000	E	0.47	3.3	ug/Kg
P3102-01	A4DP3	Solid	Fluoranthene	280.000	E	0.18	3.3	ug/Kg
P3102-01	A4DP3	Solid	Fluorene	110.000	E	0.22	3.3	ug/Kg
P3102-01	A4DP3	Solid	Indeno(1,2,3-cd)pyrene	230.000	E	0.52	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3102-01	A4DP3	Solid	Naphthalene	180.000	E	0.2	3.3	ug/Kg
P3102-01	A4DP3	Solid	Phenanthrene	640.000	E	0.18	3.3	ug/Kg
P3102-01	A4DP3	Solid	Pyrene	320.000	E	0.24	3.3	ug/Kg
Total Svoc :				4,625.00				
Total Concentration:				4,625.00				
Client ID : A4DP3DL								
P3102-01DL	A4DP3DL	Solid	Total Alkanes	*	0.000	D 8.8	67	ug/Kg
Total Tics :				0.00				
P3102-01DL	A4DP3DL	Solid	Acenaphthene	660.000	ED	1.8	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Acenaphthylene	280.000	D	3.3	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Anthracene	540.000	ED	1.7	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Benzo(a)anthracene	160.000	D	0.92	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Benzo(a)pyrene	46.000	D	3.2	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Benzo(b)fluoranthene	350.000	D	4.7	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Benzo(g,h,i)perylene	210.000	D	7.5	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Benzo(k)fluoranthene	240.000	D	3.2	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Chrysene	280.000	D	2.5	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Dibenzo(a,h)anthracene	240.000	D	4.7	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Fluoranthene	350.000	D	1.8	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Fluorene	110.000	D	2.2	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Indeno(1,2,3-cd)pyrene	240.000	D	5.2	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Naphthalene	190.000	D	2	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Phenanthrene	680.000	ED	1.8	33	ug/Kg
P3102-01DL	A4DP3DL	Solid	Pyrene	390.000	D	2.4	33	ug/Kg
Total Svoc :				4,966.00				
Total Concentration:				4,966.00				
Client ID : A4DP3DL2								
P3102-01DL2	A4DP3DL2	Solid	Total Alkanes	*	0.000	D 18	130	ug/Kg
Total Tics :				0.00				
P3102-01DL2	A4DP3DL2	Solid	Acenaphthene	640.000	D	3.6	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Acenaphthylene	280.000	D	6.6	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Anthracene	510.000	D	3.4	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Benzo(a)anthracene	160.000	D	1.8	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Benzo(a)pyrene	46.000	JD	6.4	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Benzo(b)fluoranthene	340.000	D	9.3	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Benzo(g,h,i)perylene	210.000	D	15	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Benzo(k)fluoranthene	240.000	D	6.4	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Chrysene	280.000	D	5	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Dibenzo(a,h)anthracene	240.000	D	9.3	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Fluoranthene	340.000	D	3.6	66	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3102-01DL2	A4DP3DL2	Solid	Fluorene	110.000	D	4.4	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Indeno(1,2,3-cd)pyrene	240.000	D	10	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Naphthalene	190.000	D	4	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Phenanthrene	660.000	D	3.6	66	ug/Kg
P3102-01DL2	A4DP3DL2	Solid	Pyrene	380.000	D	4.8	66	ug/Kg
Total Svoc :				4,866.00				
Total Concentration:				4,866.00				
Client ID :	YDZE4							
P3137-22	YDZE4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P3137-22	YDZE4	Water	1,4-Dioxane		0.080	J 0.029	0.2	ug/L
Total Svoc :				0.08				
Total Concentration:				0.08				
Client ID :	YDZF4							
P3137-23	YDZF4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3137-23	YDZF4	Water	1,4-Dioxane		0.460	0.03	0.2	ug/L
Total Svoc :				0.46				
Total Concentration:				0.46				
Client ID :	YDZH1							
P3137-24	YDZH1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM071024 SAS No.: BM071024 SDG No.: BM071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 13:37 _____

LAB FILE ID:		RRFAL1 = BM046499.D			RRFAL2 = BM046500.D		RRFAL3 = BM046501.D	
		RRFAL4 = BM046502.D			RRFAL5 = BM046503.D		RRFAL6 = BM046504.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.327	0.341	0.365	0.359	0.362	0.351	4.7
1,4-Dioxane-d8		0.340	0.330	0.325	0.321	0.327	0.329	2.2
Naphthalene	1.059	0.999	1.012	1.027	0.992		1.018	2.6
1-Methylnaphthalene	0.748	0.725	0.723	0.741	0.712		0.730	2.0
2-Methylnaphthalene	0.742	0.703	0.713	0.718	0.699		0.715	2.4
Acenaphthylene	1.875	1.804	1.790	1.853	1.783		1.821	2.2
Acenaphthene	1.234	1.224	1.183	1.257	1.202		1.220	2.4
Fluorene	1.543	1.487	1.483	1.543	1.491		1.509	2.0
Pentachlorophenol		0.214	0.203	0.200	0.199	0.198	0.203	3.3
Phenanthrene	1.183	1.127	1.123	1.163	1.111		1.141	2.6
Anthracene	1.158	1.100	1.094	1.130	1.088		1.114	2.6
Fluoranthene	1.828	1.624	1.572	1.663	1.528		1.643	7.0
Pyrene	2.072	1.774	1.682	1.759	1.608		1.779	9.9
Benzo(a)anthracene	1.991	1.777	1.682	1.749	1.649		1.770	7.6
Chrysene	1.925	1.738	1.627	1.687	1.584		1.712	7.7
Benzo(b)fluoranthene	1.817	1.603	1.512	1.550	1.506		1.598	8.1
Benzo(k)fluoranthene	1.739	1.555	1.525	1.555	1.469		1.569	6.5
Benzo(a)pyrene	1.399	1.314	1.274	1.325	1.263		1.315	4.1
Indeno(1,2,3-cd)pyrene	2.040	2.006	1.957	2.039	1.964		2.001	2.0
Dibenzo(a,h)anthracene	1.629	1.606	1.532	1.614	1.539		1.584	2.8
Benzo(g,h,i)perylene	1.607	1.613	1.560	1.638	1.565		1.597	2.1
Fluoranthene-d10	1.281	1.226	1.187	1.243	1.148		1.217	4.2
2-Methylnaphthalene-d10	0.657	0.628	0.643	0.659	0.638		0.645	2.0

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.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038

Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046501.D

Time Analyzed: 09:59

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	1921	7.518	4571	10.28	2922	14.16
	UPPER LIMIT	3842	8.018	9142	10.782	5844	14.664
	LOWER LIMIT	960.5	7.018	2285.5	9.782	1461	13.664
	EPA SAMPLE NO.						
01	SBLK940	1505	7.51	3441	10.27	2248	14.15
02	A4DP0	1189	7.51	2836	10.27	2003	14.15
03	A4DP0DL	2527	7.51	6378	10.27	4022	14.15
04	A4DP3	1933	7.51	4754	10.27	3102	14.15
05	A4DP3DL	2756	7.51	6963	10.27	4368	14.15
06	A4DP9	1849	7.51	4618	10.27	3051	14.16
07	A4DP3DL2	2744	7.51	6783	10.27	4115	14.16
08	A4DP9DL	1948	7.51	4751	10.27	3007	14.16
09	A4DP1	1352	7.51	3265	10.27	2243	14.16
10	A4DP1DL2	2158	7.51	5482	10.27	3401	14.15
11	A4DP1DL	1857	7.51	4511	10.27	2888	14.15
12	SBLK866	1228	7.51	3092	10.27	2264	14.16
13	E1GM5MS	1927	7.51	4721	10.27	3078	14.15
14	E1GM5MSD	3081	7.51	7982	10.27	4884	14.15
15	A4DP1DL	3310	7.51	8554	10.27	5365	14.15
16	YDZE4	2733	7.51	7242	10.27	4647	14.15
17	A4CB7	2701	7.51	7229	10.27	4860	14.15
18	A4CB7MS	3893 *	7.51	10514 *	10.27	7170 *	14.15
19	A4CB7MSD	3489	7.51	9558 *	10.27	6548 *	14.15
20	YDZH1	3368	7.51	9508 *	10.27	6088 *	14.15
21	YDZF4	3160	7.51	8782	10.27	5510	14.16
22	A4BP1	3740	7.51	10367 *	10.27	6495 *	14.16
23	A4BR2	3368	7.51	9082	10.27	5731	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 02:54

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	1921	7.518	4571	10.28	2922	14.16
	UPPER LIMIT	3842	8.018	9142	10.782	5844	14.664
	LOWER LIMIT	960.5	7.018	2285.5	9.782	1461	13.664
	EPA SAMPLE NO.						
24	A4BR3	3330	7.51	8938	10.27	5648	14.15
25	A4BR4	3491	7.51	9257 *	10.27	5669	14.15
26	A4BR5	3527	7.51	9602 *	10.27	5939 *	14.15
27	A4CB4	3389	7.51	9186 *	10.27	5773	14.15
28	SLCS884	4045 *	7.51	10592 *	10.27	6389 *	14.15
29	SBLK884	3051	7.51	8111	10.26	5133	14.15
30	A4CC5	2847	7.51	7498	10.27	4803	14.15
31	A4CC5MS	3627	7.51	9181 *	10.26	5634	14.15
32	A4CC5MSD	3700	7.51	9377 *	10.27	5821	14.15
33	A4CZ3	3716	7.51	10022 *	10.26	6475 *	14.15
34	A4CY3	4288 *	7.51	11655 *	10.27	7284 *	14.15
35	A4CY4	4192 *	7.51	11447 *	10.27	6990 *	14.15
36	A4D02	3915 *	7.51	10375 *	10.26	6799 *	14.15
37	A4D09	5424 *	7.51	15088 *	10.27	9395 *	14.15
38	A4D11	3955 *	7.51	10954 *	10.27	6805 *	14.15
39	A4D12	4710 *	7.51	12752 *	10.27	8268 *	14.15
40	A4CZ0	4044 *	7.51	11375 *	10.27	7104 *	14.16
41	A4CZ4	4901 *	7.51	13558 *	10.27	8506 *	14.15
42	A4B97	4056 *	7.51	11293 *	10.27	6928 *	14.15
43	A4CC9	3795	7.51	10543 *	10.27	6537 *	14.15
44	A4CC4	4887 *	7.51	13318 *	10.27	8377 *	14.15
45	SBLK940	4526 *	7.51	12336 *	10.27	7678 *	14.15
46	A4CX8	3350	7.51	9291 *	10.27	5810	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 19:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1921	7.518	4571	10.28	2922	14.16
UPPER LIMIT	3842	8.018	9142	10.782	5844	14.664
LOWER LIMIT	960.5	7.018	2285.5	9.782	1461	13.664
EPA SAMPLE NO.						
47 E1GE2	3852 *	7.51	10403 *	10.27	0 *	0.00 *

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.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4163 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046539.D Time Analyzed: 09:59

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	1644	7.51	3874	10.27	2491	14.16
UPPER LIMIT	3288	8.01	7748	10.771	4982	14.655
LOWER LIMIT	822	7.01	1937	9.771	1245.5	13.655
EPA SAMPLE NO.						
01 SBLK940	1505	7.51	3441	10.27	2248	14.15
02 A4DP0	1189	7.51	2836	10.27	2003	14.15
03 A4DP0DL	2527	7.51	6378	10.27	4022	14.15
04 A4DP3	1933	7.51	4754	10.27	3102	14.15
05 A4DP3DL	2756	7.51	6963	10.27	4368	14.15
06 A4DP9	1849	7.51	4618	10.27	3051	14.16
07 A4DP3DL2	2744	7.51	6783	10.27	4115	14.16
08 A4DP9DL	1948	7.51	4751	10.27	3007	14.16
09 A4DP1	1352	7.51	3265	10.27	2243	14.16
10 A4DP1DL2	2158	7.51	5482	10.27	3401	14.15
11 A4DP1DL	1857	7.51	4511	10.27	2888	14.15

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4164 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046551.D Time Analyzed: 19:28

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	1677	7.51	4035	10.27	2471	14.15
	UPPER LIMIT	3354	8.01	8070	10.771	4942	14.651
	LOWER LIMIT	838.5	7.01	2017.5	9.771	1235.5	13.651
	EPA SAMPLE NO.						
01	SBLK866	1228	7.51	3092	10.27	2264	14.16
02	E1GM5MS	1927	7.51	4721	10.27	3078	14.15
03	E1GM5MSD	3081	7.51	7982	10.27	4884	14.15
04	A4DP1DL	3310	7.51	8554 *	10.27	5365 *	14.15
05	YDZE4	2733	7.51	7242	10.27	4647	14.15
06	A4CB7	2701	7.51	7229	10.27	4860	14.15
07	A4CB7MS	3893 *	7.51	10514 *	10.27	7170 *	14.15
08	A4CB7MSD	3489 *	7.51	9558 *	10.27	6548 *	14.15
09	YDZH1	3368 *	7.51	9508 *	10.27	6088 *	14.15
10	YDZF4	3160	7.51	8782 *	10.27	5510 *	14.16
11	A4BP1	3740 *	7.51	10367 *	10.27	6495 *	14.16
12	A4BR2	3368 *	7.51	9082 *	10.27	5731 *	14.15
13	A4BR3	3330	7.51	8938 *	10.27	5648 *	14.15
14	A4BR4	3491 *	7.51	9257 *	10.27	5669 *	14.15
15	A4BR5	3527 *	7.51	9602 *	10.27	5939 *	14.15
16	A4CB4	3389 *	7.51	9186 *	10.27	5773 *	14.15
17	SLCS884	4045 *	7.51	10592 *	10.27	6389 *	14.15



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4164 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046551.D Time Analyzed: 05:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1677	7.51	4035	10.27	2471	14.15
UPPER LIMIT	3354	8.01	8070	10.771	4942	14.651
LOWER LIMIT	838.5	7.01	2017.5	9.771	1235.5	13.651
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4165 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046569.D Time Analyzed: 07:10

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	3179	7.51	8154	10.27	4943	14.15
	UPPER LIMIT	6358	8.01	16308	10.766	9886	14.651
	LOWER LIMIT	1589.5	7.01	4077	9.766	2471.5	13.651
	EPA SAMPLE NO.						
01	SBLK884	3051	7.51	8111	10.26	5133	14.15
02	A4CC5	2847	7.51	7498	10.27	4803	14.15
03	A4CC5MS	3627	7.51	9181	10.26	5634	14.15
04	A4CC5MSD	3700	7.51	9377	10.27	5821	14.15
05	A4CZ3	3716	7.51	10022	10.26	6475	14.15
06	A4CY3	4288	7.51	11655	10.27	7284	14.15
07	A4CY4	4192	7.51	11447	10.27	6990	14.15
08	A4D02	3915	7.51	10375	10.26	6799	14.15
09	A4D09	5424	7.51	15088	10.27	9395	14.15
10	A4D11	3955	7.51	10954	10.27	6805	14.15
11	A4D12	4710	7.51	12752	10.27	8268	14.15
12	A4CZ0	4044	7.51	11375	10.27	7104	14.16
13	A4CZ4	4901	7.51	13558	10.27	8506	14.15
14	A4B97	4056	7.51	11293	10.27	6928	14.15
15	A4CC9	3795	7.51	10543	10.27	6537	14.15
16	A4CC4	4887	7.51	13318	10.27	8377	14.15



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4165 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046569.D Time Analyzed: 16:18

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	3179	7.51	8154	10.27	4943	14.15
UPPER LIMIT	6358	8.01	16308	10.766	9886	14.651
LOWER LIMIT	1589.5	7.01	4077	9.766	2471.5	13.651
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4166 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046586.D Time Analyzed: 18:08

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	3976	7.51	10956	10.27	7014	14.15
UPPER LIMIT	7952	8.01	21912	10.771	14028	14.651
LOWER LIMIT	1988	7.01	5478	9.771	3507	13.651
EPA SAMPLE NO.						
01 SBLK940	4526	7.51	12336	10.27	7678	14.15
02 A4CX8	3350	7.51	9291	10.27	5810	14.15
03 E1GE2	3852	7.51	10403	10.27	0 *	0.00 *

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.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 09:59

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	6121	16.913	5430	21.119	6721	23.267
	UPPER LIMIT	12242	17.413	10860	21.619	13442	23.767
	LOWER LIMIT	3060.5	16.413	2715	20.619	3360.5	22.767
	EPA SAMPLE NO.						
01	SBLK940	4947	16.90	4152	21.11	4972	23.25
02	A4DP0	5021	16.90	6348	21.11	8147	23.25
03	A4DP0DL	8480	16.91	6606	21.11	7317	23.26
04	A4DP3	7220	16.91	7800	21.11	9469	23.25
05	A4DP3DL	9240	16.90	7346	21.11	8580	23.25
06	A4DP9	6884	16.91	6499	21.11	7669	23.26
07	A4DP3DL2	8585	16.91	6638	21.11	7823	23.25
08	A4DP9DL	6480	16.91	5187	21.11	6370	23.25
09	A4DP1	5470	16.91	6727	21.11	7660	23.26
10	A4DP1DL2	7123	16.90	5769	21.11	6764	23.25
11	A4DP1DL	6272	16.90	5341	21.11	6693	23.25
12	SBLK866	4839	16.91	4088	21.11	4880	23.25
13	E1GM5MS	6701	16.90	5926	21.11	8077	23.25
14	E1GM5MSD	10204	16.90	8152	21.11	9948	23.25
15	A4DP1DL	11286	16.91	8661	21.11	10056	23.25
16	YDZE4	10394	16.91	8375	21.11	8565	23.25
17	A4CB7	11827	16.91	9900	21.11	12688	23.25
18	A4CB7MS	14663 *	16.91	9095	21.11	13016	23.25
19	A4CB7MSD	13410 *	16.91	8001	21.11	11848	23.25
20	YDZH1	13141 *	16.90	9577	21.11	9086	23.25
21	YDZF4	11867	16.91	8851	21.11	8666	23.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 01:40

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	6121	16.913	5430	21.119	6721	23.267
	UPPER LIMIT	12242	17.413	10860	21.619	13442	23.767
	LOWER LIMIT	3060.5	16.413	2715	20.619	3360.5	22.767
	EPA SAMPLE NO.						
22	A4BP1	14292 *	16.91	10982 *	21.11	10850	23.25
23	A4BR2	12619 *	16.90	9710	21.11	9736	23.25
24	A4BR3	12398 *	16.91	9072	21.11	9368	23.25
25	A4BR4	12252 *	16.91	9391	21.11	9389	23.25
26	A4BR5	13009 *	16.91	9898	21.11	9740	23.24
27	A4CB4	12632 *	16.90	9546	21.11	9496	23.25
28	SLCS884	13165 *	16.90	9755	21.11	10838	23.24
29	SBLK884	11081	16.90	8568	21.11	8932	23.24
30	A4CC5	10601	16.90	8722	21.11	9045	23.25
31	A4CC5MS	11543	16.90	9166	21.11	10781	23.25
32	A4CC5MSD	12169	16.90	9671	21.11	11679	23.24
33	A4CZ3	14105 *	16.90	11526 *	21.11	12000	23.25
34	A4CY3	16462 *	16.90	11221 *	21.11	12719	23.24
35	A4CY4	15216 *	16.90	10947 *	21.11	10744	23.24
36	A4D02	14712 *	16.90	9119	21.11	10485	23.25
37	A4D09	20018 *	16.90	12498 *	21.11	12576	23.25
38	A4D11	14540 *	16.90	9608	21.11	9642	23.25
39	A4D12	17183 *	16.90	8479	21.11	11241	23.26
40	A4CZ0	14510 *	16.91	9166	21.11	9566	23.26
41	A4CZ4	17947 *	16.90	11866 *	21.11	12029	23.25
42	A4B97	14691 *	16.91	10119	21.11	10107	23.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 15:41

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	6121	16.913	5430	21.119	6721	23.267
	UPPER LIMIT	12242	17.413	10860	21.619	13442	23.767
	LOWER LIMIT	3060.5	16.413	2715	20.619	3360.5	22.767
	EPA SAMPLE NO.						
43	A4CC9	14004 *	16.90	9764	21.11	9598	23.25
44	A4CC4	17778 *	16.90	12404 *	21.11	12336	23.25
45	SBLK940	15650 *	16.90	11225 *	21.11	12148	23.25
46	A4CX8	12392 *	16.91	9671	21.11	10176	23.25
47	E1GE2	0 *	0.00 *	0 *	0.00 *	0 *	0.00

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.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4163 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046539.D Time Analyzed: 09:59

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	5510	16.905	4592	21.111	5470	23.253
UPPER LIMIT	11020	17.405	9184	21.611	10940	23.753
LOWER LIMIT	2755	16.405	2296	20.611	2735	22.753
EPA SAMPLE NO.						
01 SBLK940	4947	16.90	4152	21.11	4972	23.25
02 A4DP0	5021	16.90	6348	21.11	8147	23.25
03 A4DP0DL	8480	16.91	6606	21.11	7317	23.26
04 A4DP3	7220	16.91	7800	21.11	9469	23.25
05 A4DP3DL	9240	16.90	7346	21.11	8580	23.25
06 A4DP9	6884	16.91	6499	21.11	7669	23.26
07 A4DP3DL2	8585	16.91	6638	21.11	7823	23.25
08 A4DP9DL	6480	16.91	5187	21.11	6370	23.25
09 A4DP1	5470	16.91	6727	21.11	7660	23.26
10 A4DP1DL2	7123	16.90	5769	21.11	6764	23.25
11 A4DP1DL	6272	16.90	5341	21.11	6693	23.25

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.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4164 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BM046551.D Time Analyzed: 19:28

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	5288	16.905	4430	21.108	5428	23.247
	UPPER LIMIT	10576	17.405	8860	21.608	10856	23.747
	LOWER LIMIT	2644	16.405	2215	20.608	2714	22.747
	EPA SAMPLE NO.						
01	SBLK866	4839	16.91	4088	21.11	4880	23.25
02	E1GM5MS	6701	16.90	5926	21.11	8077	23.25
03	E1GM5MSD	10204	16.90	8152	21.11	9948	23.25
04	A4DP1DL	11286 *	16.91	8661	21.11	10056	23.25
05	YDZE4	10394	16.91	8375	21.11	8565	23.25
06	A4CB7	11827 *	16.91	9900 *	21.11	12688 *	23.25
07	A4CB7MS	14663 *	16.91	9095 *	21.11	13016 *	23.25
08	A4CB7MSD	13410 *	16.91	8001	21.11	11848 *	23.25
09	YDZH1	13141 *	16.90	9577 *	21.11	9086	23.25
10	YDZF4	11867 *	16.91	8851	21.11	8666	23.25
11	A4BP1	14292 *	16.91	10982 *	21.11	10850	23.25
12	A4BR2	12619 *	16.90	9710 *	21.11	9736	23.25
13	A4BR3	12398 *	16.91	9072 *	21.11	9368	23.25
14	A4BR4	12252 *	16.91	9391 *	21.11	9389	23.25
15	A4BR5	13009 *	16.91	9898 *	21.11	9740	23.24
16	A4CB4	12632 *	16.90	9546 *	21.11	9496	23.25
17	SLCS884	13165 *	16.90	9755 *	21.11	10838	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4164 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046551.D Time Analyzed: 05:21

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	5288	16.905	4430	21.108	5428	23.247
UPPER LIMIT	10576	17.405	8860	21.608	10856	23.747
LOWER LIMIT	2644	16.405	2215	20.608	2714	22.747
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4165 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046569.D Time Analyzed: 07:10

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	10230	16.901	7582	21.105	8652	23.241
	UPPER LIMIT	20460	17.401	15164	21.605	17304	23.741
	LOWER LIMIT	5115	16.401	3791	20.605	4326	22.741
	EPA SAMPLE NO.						
01	SBLK884	11081	16.90	8568	21.11	8932	23.24
02	A4CC5	10601	16.90	8722	21.11	9045	23.25
03	A4CC5MS	11543	16.90	9166	21.11	10781	23.25
04	A4CC5MSD	12169	16.90	9671	21.11	11679	23.24
05	A4CZ3	14105	16.90	11526	21.11	12000	23.25
06	A4CY3	16462	16.90	11221	21.11	12719	23.24
07	A4CY4	15216	16.90	10947	21.11	10744	23.24
08	A4D02	14712	16.90	9119	21.11	10485	23.25
09	A4D09	20018	16.90	12498	21.11	12576	23.25
10	A4D11	14540	16.90	9608	21.11	9642	23.25
11	A4D12	17183	16.90	8479	21.11	11241	23.26
12	A4CZ0	14510	16.91	9166	21.11	9566	23.26
13	A4CZ4	17947	16.90	11866	21.11	12029	23.25
14	A4B97	14691	16.91	10119	21.11	10107	23.25
15	A4CC9	14004	16.90	9764	21.11	9598	23.25
16	A4CC4	17778	16.90	12404	21.11	12336	23.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4165 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046569.D Time Analyzed: 16:18

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	10230	16.901	7582	21.105	8652	23.241
UPPER LIMIT	20460	17.401	15164	21.605	17304	23.741
LOWER LIMIT	5115	16.401	3791	20.605	4326	22.741
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071224 SAS No.: BM071224 SDG NO.: BM071224

EPA Sample No.: SSTD0.4166 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BM046586.D Time Analyzed: 18:08

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	14605	16.905	10767	21.108	11561	23.25
UPPER LIMIT	29210	17.405	21534	21.608	23122	23.75
LOWER LIMIT	7302.5	16.405	5383.5	20.608	5780.5	22.75
EPA SAMPLE NO.						
01 SBLK940	15650	16.90	11225	21.11	12148	23.25
02 A4CX8	12392	16.91	9671	21.11	10176	23.25
03 E1GE2	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161884BS	1,4-Dioxane	66.7	45	ug/Kg	67				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	15	ug/Kg	56				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	13	ug/Kg	98				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	11	ug/Kg	83				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1GM5MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046553.D

Lab Sample ID: P3059-04MS

Instrument ID: BNA_M

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 20:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GM5MS	P3059-04MS	BM046553.D	07/12/2024
E1GM5MSD	P3059-05MSD	BM046554.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4DP0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046541.D

Lab Sample ID: P3035-05

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 10:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP0	P3035-05	BM046541.D	07/12/2024
A4B97	P3035-19	BM046583.D	07/13/2024
A4CC9	P3035-24	BM046584.D	07/13/2024
A4CC4	P3035-23	BM046585.D	07/13/2024
A4CX8	P3035-10	BM046588.D	07/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1GE2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046589.D

Lab Sample ID: P3084-03

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/13/2024

Level: (low/med) LOW

Time Analyzed: 19:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GE2	P3084-03	BM046589.D	07/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK866

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224SAS No.: BM071224 SDG NO.: BM071224Lab File ID: BM046552.DLab Sample ID: PB161866BLInstrument ID: BNA_MDate Extracted: 07/01/2024Matrix: (soil/water) SolidDate Analyzed: 07/12/2024Level: (low/med) LOWTime Analyzed: 19:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP9	P3087-04	BM046545.D	07/12/2024
A4CB7	P3087-01	BM046557.D	07/12/2024
A4CB7MS	P3087-02MS	BM046558.D	07/12/2024
A4CB7MSD	P3087-03MSD	BM046559.D	07/12/2024
A4BP1	P3087-13	BM046562.D	07/13/2024
A4BR2	P3087-17	BM046563.D	07/13/2024
A4BR3	P3087-18	BM046564.D	07/13/2024
A4BR4	P3087-19	BM046565.D	07/13/2024
A4BR5	P3087-20	BM046566.D	07/13/2024
A4CB4	P3087-07	BM046567.D	07/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK884

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046570.D

Lab Sample ID: PB161884BL

Instrument ID: BNA_M

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/13/2024

Level: (low/med) LOW

Time Analyzed: 07:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CC5	P3088-02	BM046571.D	07/13/2024
A4CC5MS	P3088-03MS	BM046572.D	07/13/2024
A4CC5MSD	P3088-04MSD	BM046573.D	07/13/2024
A4CZ3	P3088-06	BM046574.D	07/13/2024
A4CY3	P3088-11	BM046575.D	07/13/2024
A4CY4	P3088-12	BM046576.D	07/13/2024
A4D02	P3088-14	BM046577.D	07/13/2024
A4D09	P3088-15	BM046578.D	07/13/2024
A4D11	P3088-16	BM046579.D	07/13/2024
A4D12	P3088-17	BM046580.D	07/13/2024
A4CZ0	P3088-19	BM046581.D	07/13/2024
A4CZ4	P3088-07	BM046582.D	07/13/2024
PB161884BS	PB161884BS	BM046568.D	07/13/2024
A4DP1	P3088-01	BM046548.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4DP3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046543.D

Lab Sample ID: P3102-01

Instrument ID: BNA_M

Date Extracted: 07/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 12:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP3	P3102-01	BM046543.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK940

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071224

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046540.D

Lab Sample ID: PB161940BL

Instrument ID: BNA_M

Date Extracted: 07/05/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 09:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZE4	P3137-22	BM046556.D	07/12/2024
YDZH1	P3137-24	BM046560.D	07/13/2024
YDZF4	P3137-23	BM046561.D	07/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3087-02MS	Client Sample ID:	A4CB7MS					DataFile:	BM046558.D		
1,4-Dioxane	85.9		38	ug/Kg	44				15	120	
Naphthalene	17.2	34	110	ug/Kg	442				0	0	
1-Methylnaphthalene	17.2	13	72	ug/Kg	343				0	0	
2-Methylnaphthalene	17.2	16	85	ug/Kg	401				0	0	
Acenaphthylene	17.2	46	140	ug/Kg	547				0	0	
Acenaphthene	17.2	67	360	ug/Kg	1703	*			31	137	
Fluorene	17.2	70	380	ug/Kg	1802				0	0	
Pentachlorophenol	34.3		13	ug/Kg	38				17	109	
Phenanthrene	17.2	820	3200	ug/Kg	13837				0	0	
Anthracene	17.2	150	760	ug/Kg	3547				0	0	
Fluoranthene	17.2	1500	4500	ug/Kg	17442				0	0	
Pyrene	17.2	890	2800	ug/Kg	11105	*			35	142	
Benzo(a)anthracene	17.2	610	1500	ug/Kg	5174				0	0	
Chrysene	17.2	640	1400	ug/Kg	4419				0	0	
Benzo(b)fluoranthene	17.2	760	1400	ug/Kg	3721				0	0	
Benzo(k)fluoranthene	17.2	250	500	ug/Kg	1453				0	0	
Benzo(a)pyrene	17.2	300	660	ug/Kg	2093				0	0	
Indeno(1,2,3-cd)pyrene	17.2	200	380	ug/Kg	1047				0	0	
Dibenzo(a,h)anthracene	17.2	86	160	ug/Kg	430				0	0	
Benzo(g,h,i)perylene	17.2	37	71	ug/Kg	198				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3087-03MSD	Client Sample ID:	A4CB7MSD					DataFile:	BM046559.D		
1,4-Dioxane	85.8		40	ug/Kg	47		7		15	120	50
Naphthalene	17.2	34	110	ug/Kg	442		0		0	0	0
1-Methylnaphthalene	17.2	13	78	ug/Kg	378		10	*	0	0	0
2-Methylnaphthalene	17.2	16	91	ug/Kg	436		8	*	0	0	0
Acenaphthylene	17.2	46	150	ug/Kg	605		10	*	0	0	0
Acenaphthene	17.2	67	390	ug/Kg	1878	*	10		31	137	19
Fluorene	17.2	70	410	ug/Kg	1977		9	*	0	0	0
Pentachlorophenol	34.3		14	ug/Kg	41		8		17	109	47
Phenanthrene	17.2	820	3400	ug/Kg	15000		8	*	0	0	0
Anthracene	17.2	150	820	ug/Kg	3895		9	*	0	0	0
Fluoranthene	17.2	1500	5000	ug/Kg	20349		15	*	0	0	0
Pyrene	17.2	890	3000	ug/Kg	12267	*	10		35	142	36
Benzo(a)anthracene	17.2	610	1700	ug/Kg	6337		20	*	0	0	0
Chrysene	17.2	640	1600	ug/Kg	5581		23	*	0	0	0
Benzo(b)fluoranthene	17.2	760	1400	ug/Kg	3721		0		0	0	0
Benzo(k)fluoranthene	17.2	250	560	ug/Kg	1802		21	*	0	0	0
Benzo(a)pyrene	17.2	300	700	ug/Kg	2326		11	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.2	200	400	ug/Kg	1163		10	*	0	0	0
Dibenzo(a,h)anthracene	17.2	86	170	ug/Kg	488		13	*	0	0	0
Benzo(g,h,i)perylene	17.2	37	75	ug/Kg	221		11	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3088-03MS	Client Sample ID:	A4CC5MS					DataFile:	BM046572.D		
1,4-Dioxane	80.9		44	ug/Kg	54				15	120	
Naphthalene	16.2	0.85	12	ug/Kg	69				0	0	
1-Methylnaphthalene	16.2		11	ug/Kg	68				0	0	
2-Methylnaphthalene	16.2		12	ug/Kg	74				0	0	
Acenaphthylene	16.2	3.4	13	ug/Kg	59				0	0	
Acenaphthene	16.2	1.4	13	ug/Kg	72				31	137	
Fluorene	16.2	2.5	13	ug/Kg	65				0	0	
Pentachlorophenol	32.4		12	ug/Kg	37				17	109	
Phenanthrene	16.2	44	34	ug/Kg	-62				0	0	
Anthracene	16.2	6.7	15	ug/Kg	51				0	0	
Fluoranthene	16.2	86	68	ug/Kg	-111				0	0	
Pyrene	16.2	66	57	ug/Kg	-56	*			35	142	
Benzo(a)anthracene	16.2	28	32	ug/Kg	25				0	0	
Chrysene	16.2	36	37	ug/Kg	6				0	0	
Benzo(b)fluoranthene	16.2	51	45	ug/Kg	-37				0	0	
Benzo(k)fluoranthene	16.2	19	23	ug/Kg	25				0	0	
Benzo(a)pyrene	16.2	36	39	ug/Kg	19				0	0	
Indeno(1,2,3-cd)pyrene	16.2	22	26	ug/Kg	25				0	0	
Dibenzo(a,h)anthracene	16.2	6	15	ug/Kg	56				0	0	
Benzo(g,h,i)perylene	16.2	27	30	ug/Kg	19				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3088-04MSD	Client Sample ID:	A4CC5MSD					DataFile:	BM046573.D		
1,4-Dioxane	81		44	ug/Kg	54		0		15	120	50
Naphthalene	16.2	0.85	12	ug/Kg	69		0		0	0	0
1-Methylnaphthalene	16.2		12	ug/Kg	74		8	*	0	0	0
2-Methylnaphthalene	16.2		12	ug/Kg	74		0		0	0	0
Acenaphthylene	16.2	3.4	13	ug/Kg	59		0		0	0	0
Acenaphthene	16.2	1.4	13	ug/Kg	72		0		31	137	19
Fluorene	16.2	2.5	13	ug/Kg	65		0		0	0	0
Pentachlorophenol	32.4		11	ug/Kg	34		8		17	109	47
Phenanthrene	16.2	44	34	ug/Kg	-62		0		0	0	0
Anthracene	16.2	6.7	15	ug/Kg	51		0		0	0	0
Fluoranthene	16.2	86	69	ug/Kg	-105		6	*	0	0	0
Pyrene	16.2	66	57	ug/Kg	-56	*	0		35	142	36
Benzo(a)anthracene	16.2	28	32	ug/Kg	25		0		0	0	0
Chrysene	16.2	36	37	ug/Kg	6		0		0	0	0
Benzo(b)fluoranthene	16.2	51	45	ug/Kg	-37		0		0	0	0
Benzo(k)fluoranthene	16.2	19	22	ug/Kg	19		27	*	0	0	0
Benzo(a)pyrene	16.2	36	38	ug/Kg	12		45	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.2	22	25	ug/Kg	19		27	*	0	0	0
Dibenzo(a,h)anthracene	16.2	6	15	ug/Kg	56		0		0	0	0
Benzo(g,h,i)perylene	16.2	27	29	ug/Kg	12		45	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3059-04MS	Client Sample ID:	E1GM5MS					DataFile:	BM046553.D		
1,4-Dioxane	2		0.78	ug/L	39				15	120	
Naphthalene	0.41		0.34	ug/L	83				0	0	
1-Methylnaphthalene	0.41		0.34	ug/L	83				0	0	
2-Methylnaphthalene	0.41		0.36	ug/L	88				0	0	
Acenaphthylene	0.41		0.34	ug/L	83				0	0	
Acenaphthene	0.41		0.37	ug/L	90				46	118	
Fluorene	0.41		0.44	ug/L	107				0	0	
Pentachlorophenol	0.82		0.62	ug/L	76				9	103	
Phenanthrene	0.41		0.38	ug/L	93				0	0	
Anthracene	0.41		0.36	ug/L	88				0	0	
Fluoranthene	0.41		0.38	ug/L	93				0	0	
Pyrene	0.41		0.37	ug/L	90				26	127	
Benzo(a)anthracene	0.41		0.37	ug/L	90				0	0	
Chrysene	0.41		0.37	ug/L	90				0	0	
Benzo(b)fluoranthene	0.41		0.36	ug/L	88				0	0	
Benzo(k)fluoranthene	0.41		0.36	ug/L	88				0	0	
Benzo(a)pyrene	0.41		0.4	ug/L	98				0	0	
Indeno(1,2,3-cd)pyrene	0.41		0.44	ug/L	107				0	0	
Dibenzo(a,h)anthracene	0.41		0.44	ug/L	107				0	0	
Benzo(g,h,i)perylene	0.41		0.45	ug/L	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3059-05MSD	Client Sample ID:	E1GM5MSD					DataFile:	BM046554.D		
1,4-Dioxane	2		0.74	ug/L	37	5			15	120	50
Naphthalene	0.41		0.37	ug/L	90	8	*		0	0	0
1-Methylnaphthalene	0.41		0.36	ug/L	88	6	*		0	0	0
2-Methylnaphthalene	0.41		0.37	ug/L	90	2	*		0	0	0
Acenaphthylene	0.41		0.37	ug/L	90	8	*		0	0	0
Acenaphthene	0.41		0.4	ug/L	98	9			46	118	31
Fluorene	0.41		0.44	ug/L	107	0			0	0	0
Pentachlorophenol	0.82		0.64	ug/L	78	3			9	103	50
Phenanthrene	0.41		0.42	ug/L	102	9	*		0	0	0
Anthracene	0.41		0.38	ug/L	93	6	*		0	0	0
Fluoranthene	0.41		0.43	ug/L	105	12	*		0	0	0
Pyrene	0.41		0.42	ug/L	102	13			26	127	31
Benzo(a)anthracene	0.41		0.4	ug/L	98	9	*		0	0	0
Chrysene	0.41		0.4	ug/L	98	9	*		0	0	0
Benzo(b)fluoranthene	0.41		0.4	ug/L	98	11	*		0	0	0
Benzo(k)fluoranthene	0.41		0.4	ug/L	98	11	*		0	0	0
Benzo(a)pyrene	0.41		0.43	ug/L	105	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	0.41		0.42	ug/L	102	5	*		0	0	0
Dibenzo(a,h)anthracene	0.41		0.41	ug/L	100	7	*		0	0	0
Benzo(g,h,i)perylene	0.41		0.41	ug/L	100	10	*		0	0	0



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Surrogate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3059-04MS	E1GM5MS	BM046553.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P3059-05MSD	E1GM5MSD	BM046554.D	1,4-Dioxane-d8	0.8	0.28	35		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BM071224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-05	A4DP0	BM046541.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3035-05DL	A4DP0DL	BM046542.D	1,4-Dioxane-d8	0.8	0.34	43		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3035-10	A4CX8	BM046588.D	1,4-Dioxane-d8	8	1.85	23		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P3035-19	A4B97	BM046583.D	1,4-Dioxane-d8	8	2.84	36		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P3035-23	A4CC4	BM046585.D	1,4-Dioxane-d8	8	2.23	28		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3035-24	A4CC9	BM046584.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3084-03	E1GE2	BM046589.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Fluoranthene-d10	0.4	0.00	0	*	30	130
			2-Methylnaphthalene-d10	0.4	0.00	0	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM071224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-01	A4CB7	BM046557.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P3087-02MS	A4CB7MS	BM046558.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3087-03MSD	A4CB7MSD	BM046559.D	1,4-Dioxane-d8	0.8	0.37	46		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3087-04	A4DP9	BM046545.D	1,4-Dioxane-d8	0.8	0.40	50		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3087-04DL	A4DP9DL	BM046547.D	1,4-Dioxane-d8	0.8	0.48	60		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3087-07	A4CB4	BM046567.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P3087-13	A4BP1	BM046562.D	1,4-Dioxane-d8	8	2.66	33		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P3087-17	A4BR2	BM046563.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3087-18	A4BR3	BM046564.D	1,4-Dioxane-d8	8	4.04	51		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P3087-19	A4BR4	BM046565.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P3087-20	A4BR5	BM046566.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
PB161866BL	PB161866BL	BM046552.D	1,4-Dioxane-d8	8	7.11	89		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		20	140

Surrogate Summary

SW-846

SDG No.: **BM071224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-01	A4DP1	BM046548.D	1,4-Dioxane-d8	0.8	0.56	70		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		20	140
P3088-01DL	A4DP1DL	BM046550.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
			1,4-Dioxane-d8	8	0.37	5	*	15	120
		BM046550.D	Fluoranthene-d10	0.4	0.38	95		30	130
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P3088-01DL2	A4DP1DL2	BM046549.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P3088-02	A4CC5	BM046571.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		20	140
P3088-03MS	A4CC5MS	BM046572.D	1,4-Dioxane-d8	0.8	0.43	54		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P3088-04MSD	A4CC5MSD	BM046573.D	1,4-Dioxane-d8	0.8	0.43	54		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P3088-06	A4CZ3	BM046574.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P3088-07	A4CZ4	BM046582.D	1,4-Dioxane-d8	8	2.32	29		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3088-11	A4CY3	BM046575.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P3088-12	A4CY4	BM046576.D	1,4-Dioxane-d8	8	3.10	39		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3088-14	A4D02	BM046577.D	1,4-Dioxane-d8	8	1.79	22		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.14	36		20	140
P3088-15	A4D09	BM046578.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P3088-16	A4D11	BM046579.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P3088-17	A4D12	BM046580.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3088-19	A4CZ0	BM046581.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
PB161884BL	PB161884BL	BM046570.D	1,4-Dioxane-d8	8	5.02	63		15	120



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Surrogate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161884BL	PB161884BL	BM046570.D	Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
PB161884BS	PB161884BS	BM046568.D	1,4-Dioxane-d8	0.8	0.55	69		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140



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Surrogate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3102-01	A4DP3	BM046543.D	1,4-Dioxane-d8	0.8	0.49	61		15	120
			Fluoranthene-d10	0.4	0.37	91		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140
P3102-01DL	A4DP3DL	BM046544.D	1,4-Dioxane-d8	0.8	0.59	74		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		20	140
P3102-01DL2	A4DP3DL2	BM046546.D	1,4-Dioxane-d8	80	0.72	1	*	15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		20	140

Surrogate Summary

SW-846

SDG No.: BM071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3137-22	YDZE4	BM046556.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P3137-23	YDZF4	BM046561.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
P3137-24	YDZH1	BM046560.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
PB161940BL	PB161940BL	BM046540.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
		BM046587.D	1,4-Dioxane-d8	8	0.46	6	*	15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
		BM046540.D	Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
		BM046587.D	2-Methylnaphthalene-d10	0.4	0.33	83		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071224

Lab Code: CHEM

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046538.D

DFTPP Injection Date: 07/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.4
197	Less than 2.0% of mass 198	0.6
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	31.6
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	71.3
443	15.0 - 24.0% of mass 442	13.4 (18.8) 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
SSTD0.4163	SSTDCCC0.4	BM046539.D	07/12/2024	09:22
SBLK940	PB161940BL	BM046540.D	07/12/2024	09:59
A4DP0	P3035-05	BM046541.D	07/12/2024	10:36
A4DP0DL	P3035-05DL	BM046542.D	07/12/2024	11:40
A4DP3	P3102-01	BM046543.D	07/12/2024	12:16
A4DP3DL	P3102-01DL	BM046544.D	07/12/2024	12:57
A4DP9	P3087-04	BM046545.D	07/12/2024	13:33
A4DP3DL2	P3102-01DL2	BM046546.D	07/12/2024	14:11
A4DP9DL	P3087-04DL	BM046547.D	07/12/2024	14:47
A4DP1	P3088-01	BM046548.D	07/12/2024	15:44
A4DP1DL2	P3088-01DL2	BM046549.D	07/12/2024	17:26
A4DP1DL	P3088-01DL	BM046550.D	07/12/2024	18:14
SSTD0.4164	SSTDCCC0.4	BM046551.D	07/12/2024	18:51
SBLK866	PB161866BL	BM046552.D	07/12/2024	19:28
E1GM5MS	P3059-04MS	BM046553.D	07/12/2024	20:05
E1GM5MSD	P3059-05MSD	BM046554.D	07/12/2024	20:42
A4DP1DL	P3088-01DL	BM046555.D	07/12/2024	21:19
YDZE4	P3137-22	BM046556.D	07/12/2024	21:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071224

Lab Code: CHEM

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046538.D

DFTPP Injection Date: 07/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.4
197	Less than 2.0% of mass 198	0.6
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	31.6
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	71.3
443	15.0 - 24.0% of mass 442	13.4 (18.8) 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
A4CB7	P3087-01	BM046557.D	07/12/2024	22:33
A4CB7MS	P3087-02MS	BM046558.D	07/12/2024	23:10
A4CB7MSD	P3087-03MSD	BM046559.D	07/12/2024	23:48
YDZH1	P3137-24	BM046560.D	07/13/2024	00:25
YDZF4	P3137-23	BM046561.D	07/13/2024	01:03
A4BP1	P3087-13	BM046562.D	07/13/2024	01:40
A4BR2	P3087-17	BM046563.D	07/13/2024	02:17
A4BR3	P3087-18	BM046564.D	07/13/2024	02:54
A4BR4	P3087-19	BM046565.D	07/13/2024	03:31
A4BR5	P3087-20	BM046566.D	07/13/2024	04:08
A4CB4	P3087-07	BM046567.D	07/13/2024	04:44
SLCS884	PB161884BS	BM046568.D	07/13/2024	05:21
SSTD0.4165	SSTDCCC0.4	BM046569.D	07/13/2024	05:57
SBLK884	PB161884BL	BM046570.D	07/13/2024	07:10
A4CC5	P3088-02	BM046571.D	07/13/2024	07:47
A4CC5MS	P3088-03MS	BM046572.D	07/13/2024	08:23
A4CC5MSD	P3088-04MSD	BM046573.D	07/13/2024	09:00
A4CZ3	P3088-06	BM046574.D	07/13/2024	09:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071224

Lab Code: CHEM

SAS No.: BM071224 SDG NO.: BM071224

Lab File ID: BM046538.D

DFTPP Injection Date: 07/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.4
197	Less than 2.0% of mass 198	0.6
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	31.6
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	71.3
443	15.0 - 24.0% of mass 442	13.4 (18.8) 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
A4CY3	P3088-11	BM046575.D	07/13/2024	10:13
A4CY4	P3088-12	BM046576.D	07/13/2024	10:49
A4D02	P3088-14	BM046577.D	07/13/2024	11:26
A4D09	P3088-15	BM046578.D	07/13/2024	12:02
A4D11	P3088-16	BM046579.D	07/13/2024	12:38
A4D12	P3088-17	BM046580.D	07/13/2024	13:15
A4CZ0	P3088-19	BM046581.D	07/13/2024	13:51
A4CZ4	P3088-07	BM046582.D	07/13/2024	14:28
A4B97	P3035-19	BM046583.D	07/13/2024	15:05
A4CC9	P3035-24	BM046584.D	07/13/2024	15:41
A4CC4	P3035-23	BM046585.D	07/13/2024	16:18
SSTD0.4166	SSTDCCC0.4EC	BM046586.D	07/13/2024	17:31
SBLK940	PB161940BL	BM046587.D	07/13/2024	18:08
A4CX8	P3035-10	BM046588.D	07/13/2024	18:44
E1GE2	P3084-03	BM046589.D	07/13/2024	19:21