

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG No.: BM071524

Instrument ID: BNA_M Calibration Date/Time: 7/15/2024 1:10:31

Lab File ID: BM046591.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4167 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	0.347	0.010	-1.1353	40.0
1,4-Dioxane-d8	0.329	0.271	0.010	-17.4432	40.0
Naphthalene	1.018	1.011	0.600	-0.6913	30.0
1-Methylnaphthalene	0.730	0.744	0.300	2.0443	30.0
2-Methylnaphthalene	0.715	0.723	0.300	1.1575	30.0
Acenaphthylene	1.821	1.832	0.900	0.592	30.0
Acenaphthene	1.220	1.225	0.500	0.3793	30.0
Fluorene	1.509	1.519	0.700	0.6111	30.0
Pentachlorophenol	0.203	0.172	0.010	-15.0898	50.0
Phenanthrene	1.141	1.126	0.300	-1.3112	30.0
Anthracene	1.114	1.076	0.400	-3.3841	30.0
Fluoranthene	1.643	1.666	0.400	1.4151	30.0
Pyrene	1.779	1.745	0.500	-1.9052	30.0
Benzo (a) anthracene	1.770	1.629	0.400	-7.9197	30.0
Chrysene	1.712	1.557	0.400	-9.0762	30.0
Benzo (b) fluoranthene	1.598	1.515	0.200	-5.1838	30.0
Benzo (k) fluoranthene	1.569	1.492	0.200	-4.9096	30.0
Benzo (a) pyrene	1.315	1.225	0.200	-6.8627	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.831	0.200	-8.5179	30.0
Dibenzo (a,h) anthracene	1.584	1.428	0.200	-9.8422	30.0
Benzo (g,h,i) perylene	1.597	1.449	0.200	-9.2502	30.0
Fluoranthene-d10	1.217	1.269	0.400	4.2845	30.0
2-Methylnaphthalene-d10	0.645	0.653	0.300	1.2857	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524

Instrument ID: BNA_M Calibration Date/Time: 7/15/2024 1:16:59

Lab File ID: BM046599.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4168 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	0.301	0.010	-14.3116	40.0
1,4-Dioxane-d8	0.329	0.271	0.010	-17.6703	40.0
Naphthalene	1.018	1.005	0.600	-1.2844	30.0
1-Methylnaphthalene	0.730	0.759	0.300	4.0652	30.0
2-Methylnaphthalene	0.715	0.739	0.300	3.3088	30.0
Acenaphthylene	1.821	1.814	0.900	-0.4058	30.0
Acenaphthene	1.220	1.228	0.500	0.6857	30.0
Fluorene	1.509	1.523	0.700	0.8838	30.0
Pentachlorophenol	0.203	0.163	0.010	-19.6491	50.0
Phenanthrene	1.141	1.108	0.300	-2.9663	30.0
Anthracene	1.114	1.074	0.400	-3.5589	30.0
Fluoranthene	1.643	1.751	0.400	6.5633	30.0
Pyrene	1.779	1.803	0.500	1.3589	30.0
Benzo (a) anthracene	1.770	1.640	0.400	-7.3334	30.0
Chrysene	1.712	1.557	0.400	-9.053	30.0
Benzo (b) fluoranthene	1.598	1.508	0.200	-5.6112	30.0
Benzo (k) fluoranthene	1.569	1.507	0.200	-3.9435	30.0
Benzo (a) pyrene	1.315	1.205	0.200	-8.3641	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.826	0.200	-8.7381	30.0
Dibenzo (a,h) anthracene	1.584	1.448	0.200	-8.5877	30.0
Benzo (g,h,i) perylene	1.597	1.416	0.200	-11.2973	30.0
Fluoranthene-d10	1.217	1.331	0.400	9.3965	30.0
2-Methylnaphthalene-d10	0.645	0.672	0.300	4.1124	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524

Instrument ID: BNA_M Calibration Date/Time: 7/16/2024 1:04:03

Lab File ID: BM046617.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4169 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	0.318	0.010	-9.3428	40.0
1,4-Dioxane-d8	0.329	0.318	0.010	-3.1108	40.0
Naphthalene	1.018	1.086	0.600	6.7282	30.0
1-Methylnaphthalene	0.730	0.811	0.300	11.2314	30.0
2-Methylnaphthalene	0.715	0.775	0.300	8.3474	30.0
Acenaphthylene	1.821	2.012	0.900	10.4878	30.0
Acenaphthene	1.220	1.354	0.500	10.973	30.0
Fluorene	1.509	1.644	0.700	8.8915	30.0
Pentachlorophenol	0.203	0.169	0.010	-16.445	50.0
Phenanthrene	1.141	1.216	0.300	6.516	30.0
Anthracene	1.114	1.188	0.400	6.6107	30.0
Fluoranthene	1.643	1.836	0.400	11.7716	30.0
Pyrene	1.779	1.875	0.500	5.3985	30.0
Benzo (a) anthracene	1.770	1.786	0.400	0.9487	30.0
Chrysene	1.712	1.683	0.400	-1.6788	30.0
Benzo (b) fluoranthene	1.598	1.657	0.200	3.7113	30.0
Benzo (k) fluoranthene	1.569	1.633	0.200	4.1164	30.0
Benzo (a) pyrene	1.315	1.509	0.200	14.7188	30.0
Indeno (1,2,3-cd) pyrene	2.001	2.057	0.200	2.7838	30.0
Dibenzo (a,h) anthracene	1.584	1.652	0.200	4.2734	30.0
Benzo (g,h,i) perylene	1.597	1.687	0.200	5.6603	30.0
Fluoranthene-d10	1.217	1.245	0.400	2.2934	30.0
2-Methylnaphthalene-d10	0.645	0.648	0.300	0.3842	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524
Instrument ID: BNA_M Calibration Date/Time: 7/16/2024 1:15:43
Lab File ID: BM046634.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4170 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	0.267	0.010	-23.9209	40.0
1,4-Dioxane-d8	0.329	0.252	0.010	-23.4394	40.0
Naphthalene	1.018	1.040	0.600	2.1844	30.0
1-Methylnaphthalene	0.730	0.786	0.300	7.778	30.0
2-Methylnaphthalene	0.715	0.734	0.300	2.657	30.0
Acenaphthylene	1.821	1.935	0.900	6.2828	30.0
Acenaphthene	1.220	1.285	0.500	5.3661	30.0
Fluorene	1.509	1.523	0.700	0.8781	30.0
Pentachlorophenol	0.203	0.168	0.010	-16.9789	50.0
Phenanthrene	1.141	1.120	0.300	-1.8877	30.0
Anthracene	1.114	1.109	0.400	-0.4852	30.0
Fluoranthene	1.643	1.771	0.400	7.7983	30.0
Pyrene	1.779	1.809	0.500	1.6954	30.0
Benzo (a) anthracene	1.770	1.660	0.400	-6.2093	30.0
Chrysene	1.712	1.568	0.400	-8.4086	30.0
Benzo (b) fluoranthene	1.598	1.451	0.200	-9.1721	30.0
Benzo (k) fluoranthene	1.569	1.397	0.200	-10.9453	30.0
Benzo (a) pyrene	1.315	1.374	0.200	4.4841	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.728	0.200	-13.6624	30.0
Dibenzo (a,h) anthracene	1.584	1.388	0.200	-12.3761	30.0
Benzo (g,h,i) perylene	1.597	1.412	0.200	-11.5735	30.0
Fluoranthene-d10	1.217	1.310	0.400	7.643	30.0
2-Methylnaphthalene-d10	0.645	0.652	0.300	1.0216	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524

Instrument ID: BNA_M Calibration Date/Time: 7/17/2024 1:02:14

Lab File ID: BM046651.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4171 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	0.285	0.010	-18.7098	40.0
1,4-Dioxane-d8	0.329	0.300	0.010	-8.7601	40.0
Naphthalene	1.018	1.055	0.600	3.6289	30.0
1-Methylnaphthalene	0.730	0.762	0.300	4.4569	30.0
2-Methylnaphthalene	0.715	0.737	0.300	3.1135	30.0
Acenaphthylene	1.821	1.939	0.900	6.499	30.0
Acenaphthene	1.220	1.297	0.500	6.287	30.0
Fluorene	1.509	1.559	0.700	3.2513	30.0
Pentachlorophenol	0.203	0.175	0.010	-13.685	50.0
Phenanthrene	1.141	1.125	0.300	-1.4642	30.0
Anthracene	1.114	1.101	0.400	-1.1256	30.0
Fluoranthene	1.643	1.637	0.400	-0.3859	30.0
Pyrene	1.779	1.688	0.500	-5.1334	30.0
Benzo (a) anthracene	1.770	1.633	0.400	-7.725	30.0
Chrysene	1.712	1.555	0.400	-9.1667	30.0
Benzo (b) fluoranthene	1.598	1.513	0.200	-5.3149	30.0
Benzo (k) fluoranthene	1.569	1.456	0.200	-7.1508	30.0
Benzo (a) pyrene	1.315	1.399	0.200	6.3529	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.848	0.200	-7.6563	30.0
Dibenzo (a,h) anthracene	1.584	1.467	0.200	-7.3805	30.0
Benzo (g,h,i) perylene	1.597	1.510	0.200	-5.4396	30.0
Fluoranthene-d10	1.217	1.199	0.400	-1.4521	30.0
2-Methylnaphthalene-d10	0.645	0.653	0.300	1.24	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524
 Instrument ID: BNA_M Calibration Date/Time: 7/17/2024 1:12:39
 Lab File ID: BM046666.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4172 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	0.296	0.010	-15.5668	40.0
1,4-Dioxane-d8	0.329	0.289	0.010	-12.0508	40.0
Naphthalene	1.018	1.022	0.600	0.4024	30.0
1-Methylnaphthalene	0.730	0.747	0.300	2.4318	30.0
2-Methylnaphthalene	0.715	0.726	0.300	1.55	30.0
Acenaphthylene	1.821	1.861	0.900	2.2177	30.0
Acenaphthene	1.220	1.228	0.500	0.6291	30.0
Fluorene	1.509	1.506	0.700	-0.2139	30.0
Pentachlorophenol	0.203	0.182	0.010	-10.3057	50.0
Phenanthrene	1.141	1.127	0.300	-1.2297	30.0
Anthracene	1.114	1.090	0.400	-2.1767	30.0
Fluoranthene	1.643	1.607	0.400	-2.1805	30.0
Pyrene	1.779	1.690	0.500	-5.0142	30.0
Benzo (a) anthracene	1.770	1.626	0.400	-8.1083	30.0
Chrysene	1.712	1.562	0.400	-8.7962	30.0
Benzo (b) fluoranthene	1.598	1.471	0.200	-7.9464	30.0
Benzo (k) fluoranthene	1.569	1.515	0.200	-3.4443	30.0
Benzo (a) pyrene	1.315	1.218	0.200	-7.3953	30.0
Indeno (1,2,3-cd) pyrene	2.001	1.911	0.200	-4.5219	30.0
Dibenzo (a,h) anthracene	1.584	1.495	0.200	-5.6581	30.0
Benzo (g,h,i) perylene	1.597	1.484	0.200	-7.0542	30.0
Fluoranthene-d10	1.217	1.220	0.400	0.2596	30.0
2-Methylnaphthalene-d10	0.645	0.645	0.300	0.0666	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.: BM071524 SAS No.: BM071524 SDG No.: BM071524
Instrument ID: BNA_M Calibration Date/Time: 7/17/2024 1: 22:36
Lab File ID: BM046681.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4173 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	-24.7186	50.0
1,4-Dioxane-d8	0.329	0.270	0.010	-17.6958	50.0
Naphthalene	1.018	1.025	0.600	0.6908	50.0
1-Methylnaphthalene	0.730	0.750	0.300	2.78	50.0
2-Methylnaphthalene	0.715	0.716	0.300	0.1677	50.0
Acenaphthylene	1.821	1.907	0.900	4.7353	50.0
Acenaphthene	1.220	1.232	0.500	0.9929	50.0
Fluorene	1.509	1.488	0.700	-1.4213	50.0
Pentachlorophenol	0.203	0.239	0.010	17.7474	50.0
Phenanthrene	1.141	1.113	0.300	-2.4553	50.0
Anthracene	1.114	1.202	0.400	7.886	50.0
Fluoranthene	1.643	1.660	0.400	1.0426	50.0
Pyrene	1.779	1.720	0.500	-3.2848	50.0
Benzo (a) anthracene	1.770	1.635	0.400	-7.6249	50.0
Chrysene	1.712	1.529	0.400	-10.7027	50.0
Benzo (b) fluoranthene	1.598	1.471	0.200	-7.9238	50.0
Benzo (k) fluoranthene	1.569	1.455	0.200	-7.246	50.0
Benzo (a) pyrene	1.315	1.368	0.200	3.9982	50.0
Indeno (1,2,3-cd) pyrene	2.001	1.760	0.200	-12.0431	50.0
Dibenzo (a,h) anthracene	1.584	1.392	0.200	-12.1626	50.0
Benzo (g,h,i) perylene	1.597	1.416	0.200	-11.2975	50.0
Fluoranthene-d10	1.217	1.226	0.400	0.7472	50.0
2-Methylnaphthalene-d10	0.645	0.640	0.300	-0.7182	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.:	BM071524
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
BM046592.D	1	7/5/2024 12:00:00 AM	7/15/2024 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	0.516	*	15-120		6	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2280		7.506			
1146-65-2	Naphthalene-d8	5922		10.264			
15067-26-2	Acenaphthene-d10	3816		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.:	BM071524
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
BM046592.D	1	7/5/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8515	16.904				
1719-03-5	Chrysene-d12	6652	21.108				
1520-96-3	Perylene-d12	7286	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:	A4DP2	SDG No.:	BM071524
Lab Sample ID:	P3101-01	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
BM046593.D	1	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

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	370	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	330	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	300	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	180	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	180	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	120	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	200	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	220	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	65	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	120	E	0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	E	0.32	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	170	E	0.32	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	E	0.52	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	E	0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	0.75	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.241	*	15-120		3	SPK: -8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2239		7.506			
1146-65-2	Naphthalene-d8	5936		10.266			
15067-26-2	Acenaphthene-d10	3993		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:	A4DP2	SDG No.:	BM071524
Lab Sample ID:	P3101-01	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
BM046593.D	1	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9166	16.901				
1719-03-5	Chrysene-d12	8074	21.108				
1520-96-3	Perylene-d12	8685	23.25				
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:	A4DP2DL	SDG No.:	BM071524
Lab Sample ID:	P3101-01DL	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
BM046594.D	10	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

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	400	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	350	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	330	D	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	190	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	230	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	260	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	70	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	150	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	150	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	130	D	7.5	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.35	*	15-120		4	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	2726		7.506			
1146-65-2	Naphthalene-d8	7395		10.266			
15067-26-2	Acenaphthene-d10	5007		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:	A4DP2DL	SDG No.:	BM071524
Lab Sample ID:	P3101-01DL	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
BM046594.D	10	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11429	16.905				
1719-03-5	Chrysene-d12	9183	21.114				
1520-96-3	Perylene-d12	10124	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.9	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:	A4DQ1	SDG No.:	BM071524
Lab Sample ID:	P3139-04	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
BM046595.D	1	7/8/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161950

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	240	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	81	E	0.33	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	250	E	0.18	0.82	3.3	ug/Kg
86-73-7	Fluorene	120	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	88	E	0.18	0.82	3.3	ug/Kg
120-12-7	Anthracene	420	E	0.17	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	130	E	0.18	0.82	3.3	ug/Kg
129-00-0	Pyrene	57	E	0.24	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.09	0.82	3.3	ug/Kg
218-01-9	Chrysene	43		0.25	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.47	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	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	180	E	0.52	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	E	0.47	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	E	0.75	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.278	*	15-120		3	SPK: -8
93951-69-0	Fluoranthene-d10	0.331		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2525		7.506			
1146-65-2	Naphthalene-d8	6802		10.265			
15067-26-2	Acenaphthene-d10	4619		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:	A4DQ1	SDG No.:	BM071524
Lab Sample ID:	P3139-04	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
BM046595.D	1	7/8/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10511	16.9				
1719-03-5	Chrysene-d12	8871	21.111				
1520-96-3	Perylene-d12	9514	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	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:	A4DQ1DL	SDG No.:	BM071524
Lab Sample ID:	P3139-04DL	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
BM046596.D	10	7/8/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161950

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	250	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	84	D	3.3	8.2	33	ug/Kg
83-32-9	Acenaphthene	260	D	1.8	8.2	33	ug/Kg
86-73-7	Fluorene	120	D	2.2	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.7	67	ug/Kg
85-01-8	Phenanthrene	93	D	1.8	8.2	33	ug/Kg
120-12-7	Anthracene	440	D	1.7	8.2	33	ug/Kg
206-44-0	Fluoranthene	140	D	1.8	8.2	33	ug/Kg
129-00-0	Pyrene	62	D	2.4	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	0.93	8.2	33	ug/Kg
218-01-9	Chrysene	47	D	2.5	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	4.7	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	3.2	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	48	D	3.2	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	D	5.2	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	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	0.27	*	15-120		3	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2876		7.506			
1146-65-2	Naphthalene-d8	7612		10.27			
15067-26-2	Acenaphthene-d10	5075		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:	A4DQ1DL	SDG No.:	BM071524
Lab Sample ID:	P3139-04DL	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
BM046596.D	10	7/8/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11011	16.904				
1719-03-5	Chrysene-d12	8550	21.111				
1520-96-3	Perylene-d12	9407	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4DQ0	SDG No.:	BM071524
Lab Sample ID:	P3100-04	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
BM046597.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161887

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	160	E	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	240	E	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	510	E	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	92	E	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	500	E	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	460	E	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	260	E	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	300	E	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	210	E	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	E	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	E	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	E	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	E	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	E	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.336	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.353		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2646		7.506			
1146-65-2	Naphthalene-d8	7133		10.266			
15067-26-2	Acenaphthene-d10	4908		14.15			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4DQ0	SDG No.:	BM071524
Lab Sample ID:	P3100-04	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
BM046597.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10976	16.905				
1719-03-5	Chrysene-d12	8904	21.114				
1520-96-3	Perylene-d12	9623	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4DQ0DL	SDG No.:	BM071524
Lab Sample ID:	P3100-04DL	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
BM046598.D	10	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161887

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	160	D	2	8.3	33	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	U	5.2	8.3	33	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	8.3	33	ug/Kg
208-96-8	Acenaphthylene	240	D	3.3	8.3	33	ug/Kg
83-32-9	Acenaphthene	520	D	1.8	8.3	33	ug/Kg
86-73-7	Fluorene	91	D	2.2	8.3	33	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	16.8	67	ug/Kg
85-01-8	Phenanthrene	530	D	1.8	8.3	33	ug/Kg
120-12-7	Anthracene	480	D	1.7	8.3	33	ug/Kg
206-44-0	Fluoranthene	280	D	1.8	8.3	33	ug/Kg
129-00-0	Pyrene	310	D	2.4	8.3	33	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	0.93	8.3	33	ug/Kg
218-01-9	Chrysene	220	D	2.5	8.3	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	D	4.7	8.3	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	D	3.2	8.3	33	ug/Kg
50-32-8	Benzo(a)pyrene	38	D	3.2	8.3	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	5.2	8.3	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	D	4.7	8.3	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	D	7.5	8.3	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.33	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	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	2560		7.506			
1146-65-2	Naphthalene-d8	6738		10.264			
15067-26-2	Acenaphthene-d10	4494		14.149			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4DQ0DL	SDG No.:	BM071524
Lab Sample ID:	P3100-04DL	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
BM046598.D	10	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10018	16.904				
1719-03-5	Chrysene-d12	7917	21.111				
1520-96-3	Perylene-d12	8870	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK915	SDG No.:	BM071524
Lab Sample ID:	PB161915BL	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
BM046600.D	1	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.448		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2921		7.506			
1146-65-2	Naphthalene-d8	8415		10.264			
15067-26-2	Acenaphthene-d10	5908		14.149			

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK915	SDG No.:	BM071524
Lab Sample ID:	PB161915BL	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
BM046600.D	1	7/3/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13226	16.899				
1719-03-5	Chrysene-d12	10085	21.108				
1520-96-3	Perylene-d12	9726	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

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:	A4CX5	SDG No.:	BM071524
Lab Sample ID:	P3035-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046601.D	1	6/26/2024 12:00:00 AM	7/15/2024 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	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	3.4	J	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	9.4		0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	7.1		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.2	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	4.2		0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.6		0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.6	J	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	4.1		0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.6	J	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.84	J	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.2	J	0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.489		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.239		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3455		7.506			
1146-65-2	Naphthalene-d8	9452		10.266			
15067-26-2	Acenaphthene-d10	6535		14.15			

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:	A4CX5	SDG No.:	BM071524
Lab Sample ID:	P3035-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046601.D	1	6/26/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14729	16.901				
1719-03-5	Chrysene-d12	12023	21.108				
1520-96-3	Perylene-d12	11775	23.25				
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:	A4CD0	SDG No.:	BM071524
Lab Sample ID:	P3035-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046602.D	1	6/26/2024 12:00:00 AM	7/15/2024 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	7.9	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.83	J	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	6		0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	1.1	J	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	16		0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	12		0.28	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	5.6		0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	7.1		0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	4		0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	7.7		0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.7		0.61	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	J	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.6		0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.374		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3732		7.506			
1146-65-2	Naphthalene-d8	10412		10.264			
15067-26-2	Acenaphthene-d10	7114		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:	A4CD0	SDG No.:	BM071524
Lab Sample ID:	P3035-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.7
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
BM046602.D	1	6/26/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15984	16.903				
1719-03-5	Chrysene-d12	12098	21.108				
1520-96-3	Perylene-d12	11463	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:	A4BR0	SDG No.:	BM071524
Lab Sample ID:	P3087-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.3
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
BM046603.D	1	7/1/2024 12:00:00 AM	7/15/2024 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	10	ug/Kg
91-20-3	Naphthalene	3.3	J	0.3	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.78	U	0.78	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.28	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	4.1	J	0.49	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.27	1.2	4.9	ug/Kg
86-73-7	Fluorene	2	J	0.33	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	20		0.27	1.2	4.9	ug/Kg
120-12-7	Anthracene	4.8	J	0.25	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	55		0.27	1.2	4.9	ug/Kg
129-00-0	Pyrene	51		0.36	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	22		0.14	1.2	4.9	ug/Kg
218-01-9	Chrysene	24		0.37	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	33		0.7	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.48	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	25		0.48	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.78	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.2	J	0.7	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.1	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.658		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.463		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.386		20-140		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3165		7.506			
1146-65-2	Naphthalene-d8	9103		10.266			
15067-26-2	Acenaphthene-d10	6266		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:	A4BR0	SDG No.:	BM071524
Lab Sample ID:	P3087-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.3
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
BM046603.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14403	16.901				
1719-03-5	Chrysene-d12	11016	21.108				
1520-96-3	Perylene-d12	10542	23.25				
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:	A4CY5	SDG No.:	BM071524
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.3
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
BM046604.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	12	ug/Kg
91-20-3	Naphthalene	3.7	J	0.35	1.4	5.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.9	U	0.9	1.4	5.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.33	1.4	5.7	ug/Kg
208-96-8	Acenaphthylene	3.2	J	0.57	1.4	5.7	ug/Kg
83-32-9	Acenaphthene	2.8	J	0.31	1.4	5.7	ug/Kg
86-73-7	Fluorene	2.9	J	0.38	1.4	5.7	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	2.9	12	ug/Kg
85-01-8	Phenanthrene	31		0.31	1.4	5.7	ug/Kg
120-12-7	Anthracene	6.5		0.29	1.4	5.7	ug/Kg
206-44-0	Fluoranthene	51		0.31	1.4	5.7	ug/Kg
129-00-0	Pyrene	42		0.41	1.4	5.7	ug/Kg
56-55-3	Benzo(a)anthracene	20		0.16	1.4	5.7	ug/Kg
218-01-9	Chrysene	23		0.43	1.4	5.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	30		0.81	1.4	5.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.55	1.4	5.7	ug/Kg
50-32-8	Benzo(a)pyrene	23		0.55	1.4	5.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.9	1.4	5.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.9	J	0.81	1.4	5.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1.3	1.4	5.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.007		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.286		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3784		7.506			
1146-65-2	Naphthalene-d8	10425		10.265			
15067-26-2	Acenaphthene-d10	7076		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:	A4CY5	SDG No.:	BM071524
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.3
Sample Wt/Vol:	30.1	Units:	g
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
BM046604.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15974	16.9				
1719-03-5	Chrysene-d12	12742	21.108				
1520-96-3	Perylene-d12	12484	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	SLCS940	SDG No.:	BM071524
Lab Sample ID:	PB161940BS	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
BM046605.D	1	7/5/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.584	*	15-120		7	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2726		7.506			
1146-65-2	Naphthalene-d8	6968		10.266			
15067-26-2	Acenaphthene-d10	4539		14.146			

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:	SLCS940	SDG No.:	BM071524
Lab Sample ID:	PB161940BS	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
BM046605.D	1	7/5/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10202	16.901				
1719-03-5	Chrysene-d12	8428	21.105				
1520-96-3	Perylene-d12	9490	23.244				
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:	YDZH1	SDG No.:	BM071524
Lab Sample ID:	P3137-24	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BM046606.D	1	7/5/2024 12:00:00 AM	7/15/2024 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	3.606		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.338		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2300		7.501			
1146-65-2	Naphthalene-d8	6457		10.264			
15067-26-2	Acenaphthene-d10	4673		14.149			

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.:	BM071524
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
BM046606.D	1	7/5/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11028	16.899				
1719-03-5	Chrysene-d12	9448	21.105				
1520-96-3	Perylene-d12	9375	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	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.:	BM071524
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
BM046607.D	1	7/1/2024 12:00:00 AM	7/15/2024 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	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	3.7	J	0.84	2.1	8.4	ug/Kg
83-32-9	Acenaphthene	2.2	J	0.46	2.1	8.4	ug/Kg
86-73-7	Fluorene	2.3	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	43		0.46	2.1	8.4	ug/Kg
120-12-7	Anthracene	6.8	J	0.43	2.1	8.4	ug/Kg
206-44-0	Fluoranthene	79		0.46	2.1	8.4	ug/Kg
129-00-0	Pyrene	63		0.61	2.1	8.4	ug/Kg
56-55-3	Benzo(a)anthracene	29		0.24	2.1	8.4	ug/Kg
218-01-9	Chrysene	33		0.63	2.1	8.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	48		1.2	2.1	8.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.81	2.1	8.4	ug/Kg
50-32-8	Benzo(a)pyrene	33		0.81	2.1	8.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		1.3	2.1	8.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.4	J	1.2	2.1	8.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		1.9	2.1	8.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.496		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.244		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2498		7.506			
1146-65-2	Naphthalene-d8	6878		10.265			
15067-26-2	Acenaphthene-d10	5041		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:	A4BP1	SDG No.:	BM071524
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
BM046607.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11784	16.901				
1719-03-5	Chrysene-d12	9924	21.105				
1520-96-3	Perylene-d12	10046	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.:	BM071524
Lab Sample ID:	P3087-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046608.D	1	7/1/2024 12:00:00 AM	7/15/2024 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	3.1	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	4.4	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	2.7	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	20		0.33	1.5	6.1	ug/Kg
120-12-7	Anthracene	6.4		0.31	1.5	6.1	ug/Kg
206-44-0	Fluoranthene	56		0.33	1.5	6.1	ug/Kg
129-00-0	Pyrene	49		0.44	1.5	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.17	1.5	6.1	ug/Kg
218-01-9	Chrysene	26		0.46	1.5	6.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	38		0.87	1.5	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.59	1.5	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	27		0.59	1.5	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.96	1.5	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.7	J	0.87	1.5	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		1.4	1.5	6.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.036		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2360		7.501			
1146-65-2	Naphthalene-d8	6449		10.26			
15067-26-2	Acenaphthene-d10	4561		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:	A4BR2	SDG No.:	BM071524
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
BM046608.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10564	16.901				
1719-03-5	Chrysene-d12	9077	21.105				
1520-96-3	Perylene-d12	9190	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:	A4BR4	SDG No.:	BM071524
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
BM046609.D	1	7/1/2024 12:00:00 AM	7/15/2024 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	2.8	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	1.6	J	0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	4.3	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	1.8	J	0.33	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	15		0.27	1.3	5	ug/Kg
120-12-7	Anthracene	4.3	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	9.5		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	20		0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.79	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.5	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	4.016		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2192		7.506			
1146-65-2	Naphthalene-d8	5936		10.26			
15067-26-2	Acenaphthene-d10	4160		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:	A4BR4	SDG No.:	BM071524
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
BM046609.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9446	16.896				
1719-03-5	Chrysene-d12	7913	21.105				
1520-96-3	Perylene-d12	7880	23.244				
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.:	BM071524
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
BM046610.D	1	7/1/2024 12:00:00 AM	7/15/2024 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	4.3	J	0.4	1.6	6.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.7	J	1	1.6	6.6	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	J	0.38	1.6	6.6	ug/Kg
208-96-8	Acenaphthylene	7.2		0.66	1.6	6.6	ug/Kg
83-32-9	Acenaphthene	3.8	J	0.36	1.6	6.6	ug/Kg
86-73-7	Fluorene	4.5	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	57		0.36	1.6	6.6	ug/Kg
120-12-7	Anthracene	13		0.34	1.6	6.6	ug/Kg
206-44-0	Fluoranthene	93		0.36	1.6	6.6	ug/Kg
129-00-0	Pyrene	77		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	45		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	21		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	23		1	1.6	6.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7		0.94	1.6	6.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28		1.5	1.6	6.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.421		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2246		7.506			
1146-65-2	Naphthalene-d8	6056		10.26			
15067-26-2	Acenaphthene-d10	4103		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:	A4BR5	SDG No.:	BM071524
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
BM046610.D	1	7/1/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9176	16.9				
1719-03-5	Chrysene-d12	7872	21.105				
1520-96-3	Perylene-d12	8358	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.:	BM071524
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
BM046611.D	1	7/1/2024 12:00:00 AM	7/16/2024 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	1.8	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	3.4	J	0.47	1.2	4.7	ug/Kg
83-32-9	Acenaphthene	1.7	J	0.26	1.2	4.7	ug/Kg
86-73-7	Fluorene	2.2	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	30		0.26	1.2	4.7	ug/Kg
120-12-7	Anthracene	5.8		0.24	1.2	4.7	ug/Kg
206-44-0	Fluoranthene	54		0.26	1.2	4.7	ug/Kg
129-00-0	Pyrene	42		0.34	1.2	4.7	ug/Kg
56-55-3	Benzo(a)anthracene	21		0.13	1.2	4.7	ug/Kg
218-01-9	Chrysene	24		0.36	1.2	4.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	33		0.67	1.2	4.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.46	1.2	4.7	ug/Kg
50-32-8	Benzo(a)pyrene	24		0.46	1.2	4.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.74	1.2	4.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.1	J	0.67	1.2	4.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.1	1.2	4.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.991		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	2859		7.502			
1146-65-2	Naphthalene-d8	7722		10.26			
15067-26-2	Acenaphthene-d10	5252		14.146			

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.:	BM071524
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
BM046611.D	1	7/1/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11892	16.901				
1719-03-5	Chrysene-d12	10053	21.105				
1520-96-3	Perylene-d12	10969	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

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.:	BM071524
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
BM046612.D	1	6/26/2024 12:00:00 AM	7/16/2024 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	1.3	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	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	7.6		0.22	1	4	ug/Kg
120-12-7	Anthracene	1.7	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	14		0.22	1	4	ug/Kg
129-00-0	Pyrene	12		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	6.2		0.11	1	4	ug/Kg
218-01-9	Chrysene	7		0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.4		0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.6	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	7.2		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.711		15-120		21	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.157		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2503		7.501			
1146-65-2	Naphthalene-d8	6803		10.26			
15067-26-2	Acenaphthene-d10	4740		14.146			

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.:	BM071524
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
BM046612.D	1	6/26/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10698	16.896				
1719-03-5	Chrysene-d12	8984	21.105				
1520-96-3	Perylene-d12	9972	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	H0HC2RE	SDG No.:	BM071524
Lab Sample ID:	P3109-02RE	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
BM046613.D	1	6/28/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161864

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	0.09	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.18		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	0.02	J	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	3.758		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2590		7.501			
1146-65-2	Naphthalene-d8	7055		10.26			
15067-26-2	Acenaphthene-d10	10025		14.146			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	H0HC2RE	SDG No.:	BM071524
Lab Sample ID:	P3109-02RE	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
BM046613.D	1	6/28/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161864

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12825	16.901				
1719-03-5	Chrysene-d12	10455	21.105				
1520-96-3	Perylene-d12	9508	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	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:	E1GE2	SDG No.:	BM071524
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
BM046614.D	1	6/26/2024 12:00:00 AM	7/16/2024 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	0.21		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.14		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.06	J	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	0.03	J	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	4.483		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2033	7.501				
1146-65-2	Naphthalene-d8	5446	10.26				
15067-26-2	Acenaphthene-d10	3859	14.146				

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.:	BM071524
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
BM046614.D	1	6/26/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8320	16.9				
1719-03-5	Chrysene-d12	6787	21.102				
1520-96-3	Perylene-d12	6684	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	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:	A4BR3DL	SDG No.:	BM071524
Lab Sample ID:	P3087-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046615.D	5	7/1/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	51	ug/Kg
91-20-3	Naphthalene	20	JD	1.5	6.3	25	ug/Kg
90-12-0	1-Methylnaphthalene	7.6	JD	3.9	6.3	25	ug/Kg
91-57-6	2-Methylnaphthalene	11	JD	1.4	6.3	25	ug/Kg
208-96-8	Acenaphthylene	2.5	U	2.5	6.3	25	ug/Kg
83-32-9	Acenaphthene	29	D	1.4	6.3	25	ug/Kg
86-73-7	Fluorene	27	D	1.7	6.3	25	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	12.7	51	ug/Kg
85-01-8	Phenanthrene	260	D	1.4	6.3	25	ug/Kg
120-12-7	Anthracene	41	D	1.3	6.3	25	ug/Kg
206-44-0	Fluoranthene	240	D	1.4	6.3	25	ug/Kg
129-00-0	Pyrene	190	D	1.8	6.3	25	ug/Kg
56-55-3	Benzo(a)anthracene	76	D	0.71	6.3	25	ug/Kg
218-01-9	Chrysene	78	D	1.9	6.3	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	D	3.6	6.3	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	35	D	2.4	6.3	25	ug/Kg
50-32-8	Benzo(a)pyrene	72	D	2.4	6.3	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	D	3.9	6.3	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.9	JD	3.6	6.3	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	D	5.7	6.3	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.695		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2721		7.501			
1146-65-2	Naphthalene-d8	6946		10.26			
15067-26-2	Acenaphthene-d10	4691		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:	A4BR3DL	SDG No.:	BM071524
Lab Sample ID:	P3087-18DL	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
BM046615.D	5	7/1/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10482	16.896				
1719-03-5	Chrysene-d12	9268	21.102				
1520-96-3	Perylene-d12	10857	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	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.:	BM071524
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
BM046616.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	E	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	930	E	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	950	E	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	990	E	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	950	E	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	950	E	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	1000	E	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	800	E	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	920	E	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	870	E	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	1100	E	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	980	E	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	940	E	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	890	E	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	960	E	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	910	E	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	940	E	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810	E	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	800	E	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810	E	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.332		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	1.138	*	20-140		285	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2571		7.501			
1146-65-2	Naphthalene-d8	7206		10.264			
15067-26-2	Acenaphthene-d10	5079		14.144			

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.:	BM071524
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
BM046616.D	1	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12519	16.899				
1719-03-5	Chrysene-d12	9469	21.105				
1520-96-3	Perylene-d12	10631	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK950	SDG No.:	BM071524
Lab Sample ID:	PB161950BL	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
BM046618.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.936		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.299		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2085		7.501			
1146-65-2	Naphthalene-d8	5347		10.26			
15067-26-2	Acenaphthene-d10	3641		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK950	SDG No.:	BM071524
Lab Sample ID:	PB161950BL	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
BM046618.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8086	16.896				
1719-03-5	Chrysene-d12	6781	21.102				
1520-96-3	Perylene-d12	7177	23.238				
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:	A4CB7DL	SDG No.:	BM071524
Lab Sample ID:	P3087-01DL	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
BM046619.D	5	7/1/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	33	D	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	49	D	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	65	D	1.2	5.3	21	ug/Kg
86-73-7	Fluorene	68	D	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.8	43	ug/Kg
85-01-8	Phenanthrene	860	ED	1.2	5.3	21	ug/Kg
120-12-7	Anthracene	160	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	1200	ED	1.2	5.3	21	ug/Kg
129-00-0	Pyrene	770	ED	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	530	ED	0.6	5.3	21	ug/Kg
218-01-9	Chrysene	590	ED	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	770	ED	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	D	2.1	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	310	D	2.1	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	D	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	D	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.995		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2553		7.501			
1146-65-2	Naphthalene-d8	6257		10.259			
15067-26-2	Acenaphthene-d10	4124		14.145			

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:	A4CB7DL	SDG No.:	BM071524
Lab Sample ID:	P3087-01DL	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
BM046619.D	5	7/1/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161866

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9320	16.895				
1719-03-5	Chrysene-d12	9523	21.099				
1520-96-3	Perylene-d12	12028	23.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	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:	A4CC5DL	SDG No.:	BM071524
Lab Sample ID:	P3088-02DL	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
BM046620.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	2	U	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	40	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	6.9	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	76	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	60	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	25	D	0.56	5	20	ug/Kg
218-01-9	Chrysene	31	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	D	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	15	JD	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	30	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17	JD	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5	JD	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21	D	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.98		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2799		7.502			
1146-65-2	Naphthalene-d8	7343		10.26			
15067-26-2	Acenaphthene-d10	4940		14.146			

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:	A4CC5DL	SDG No.:	BM071524
Lab Sample ID:	P3088-02DL	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
BM046620.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10894	16.896				
1719-03-5	Chrysene-d12	8870	21.102				
1520-96-3	Perylene-d12	9805	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	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:	A4CY3DL	SDG No.:	BM071524
Lab Sample ID:	P3088-11DL	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
BM046621.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.4	U	8.4	0	63	ug/Kg
91-20-3	Naphthalene	16	JD	1.9	7.8	31	ug/Kg
90-12-0	1-Methylnaphthalene	6.9	JD	4.9	7.8	31	ug/Kg
91-57-6	2-Methylnaphthalene	9.1	JD	1.8	7.8	31	ug/Kg
208-96-8	Acenaphthylene	32	D	3.1	7.8	31	ug/Kg
83-32-9	Acenaphthene	30	JD	1.7	7.8	31	ug/Kg
86-73-7	Fluorene	30	JD	2.1	7.8	31	ug/Kg
87-86-5	Pentachlorophenol	19	U	19	15.8	63	ug/Kg
85-01-8	Phenanthrene	400	D	1.7	7.8	31	ug/Kg
120-12-7	Anthracene	83	D	1.6	7.8	31	ug/Kg
206-44-0	Fluoranthene	660	ED	1.7	7.8	31	ug/Kg
129-00-0	Pyrene	440	D	2.3	7.8	31	ug/Kg
56-55-3	Benzo(a)anthracene	290	D	0.88	7.8	31	ug/Kg
218-01-9	Chrysene	310	D	2.4	7.8	31	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	D	4.4	7.8	31	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	3	7.8	31	ug/Kg
50-32-8	Benzo(a)pyrene	170	D	3	7.8	31	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	4.9	7.8	31	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	D	4.4	7.8	31	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	D	7.1	7.8	31	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.385		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.16		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.17		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2733		7.502			
1146-65-2	Naphthalene-d8	6948		10.26			
15067-26-2	Acenaphthene-d10	4549		14.141			

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:	A4CY3DL	SDG No.:	BM071524
Lab Sample ID:	P3088-11DL	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
BM046621.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10070	16.896				
1719-03-5	Chrysene-d12	9401	21.102				
1520-96-3	Perylene-d12	11480	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.4	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:	A4D02DL	SDG No.:	BM071524
Lab Sample ID:	P3088-14DL	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
BM046622.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.6	U	6.6	0	50	ug/Kg
91-20-3	Naphthalene	21	JD	1.5	6.1	24	ug/Kg
90-12-0	1-Methylnaphthalene	15	JD	3.9	6.1	24	ug/Kg
91-57-6	2-Methylnaphthalene	17	JD	1.4	6.1	24	ug/Kg
208-96-8	Acenaphthylene	56	D	2.4	6.1	24	ug/Kg
83-32-9	Acenaphthene	25	D	1.3	6.1	24	ug/Kg
86-73-7	Fluorene	33	D	1.6	6.1	24	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	12.4	50	ug/Kg
85-01-8	Phenanthrene	360	D	1.3	6.1	24	ug/Kg
120-12-7	Anthracene	77	D	1.3	6.1	24	ug/Kg
206-44-0	Fluoranthene	590	ED	1.3	6.1	24	ug/Kg
129-00-0	Pyrene	390	D	1.8	6.1	24	ug/Kg
56-55-3	Benzo(a)anthracene	270	D	0.69	6.1	24	ug/Kg
218-01-9	Chrysene	320	D	1.9	6.1	24	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	ED	3.5	6.1	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	2.4	6.1	24	ug/Kg
50-32-8	Benzo(a)pyrene	160	D	2.4	6.1	24	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	3.9	6.1	24	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	D	3.5	6.1	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	JD	5.6	6.1	24	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.615		15-120		20	SPK: -8
93951-69-0	Fluoranthene-d10	0.115	*	30-130		29	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.135		20-140		34	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3010		7.501			
1146-65-2	Naphthalene-d8	7706		10.259			
15067-26-2	Acenaphthene-d10	5163		14.145			

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:	A4D02DL	SDG No.:	BM071524
Lab Sample ID:	P3088-14DL	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
BM046622.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11525	16.895				
1719-03-5	Chrysene-d12	10704	21.102				
1520-96-3	Perylene-d12	12527	23.242				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.6	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:	A4D09DL	SDG No.:	BM071524
Lab Sample ID:	P3088-15DL	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
BM046623.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	39	ug/Kg
91-20-3	Naphthalene	4.1	JD	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	3	U	3	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	15	JD	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	1	U	1	4.8	19	ug/Kg
86-73-7	Fluorene	4.1	JD	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.7	39	ug/Kg
85-01-8	Phenanthrene	53	D	1	4.8	19	ug/Kg
120-12-7	Anthracene	15	JD	0.99	4.8	19	ug/Kg
206-44-0	Fluoranthene	110	D	1	4.8	19	ug/Kg
129-00-0	Pyrene	78	D	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	49	D	0.54	4.8	19	ug/Kg
218-01-9	Chrysene	58	D	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	D	2.7	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	29	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	38	D	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25	D	3	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11	JD	2.7	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.035		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3736		7.501			
1146-65-2	Naphthalene-d8	9996		10.259			
15067-26-2	Acenaphthene-d10	6635		14.144			

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:	A4D09DL	SDG No.:	BM071524
Lab Sample ID:	P3088-15DL	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
BM046623.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14314	16.895				
1719-03-5	Chrysene-d12	11245	21.102				
1520-96-3	Perylene-d12	11921	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	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:	A4D12DL	SDG No.:	BM071524
Lab Sample ID:	P3088-17DL	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
BM046624.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.3	U	6.3	0	47	ug/Kg
91-20-3	Naphthalene	44	D	1.4	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	25	D	3.7	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	33	D	1.3	5.8	23	ug/Kg
208-96-8	Acenaphthylene	100	D	2.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	44	D	1.3	5.8	23	ug/Kg
86-73-7	Fluorene	62	D	1.6	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.8	47	ug/Kg
85-01-8	Phenanthrene	630	ED	1.3	5.8	23	ug/Kg
120-12-7	Anthracene	150	D	1.2	5.8	23	ug/Kg
206-44-0	Fluoranthene	1300	ED	1.3	5.8	23	ug/Kg
129-00-0	Pyrene	800	ED	1.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	540	ED	0.66	5.8	23	ug/Kg
218-01-9	Chrysene	600	ED	1.8	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	840	ED	3.3	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	D	2.3	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	320	D	2.3	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	D	3.7	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	D	3.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	D	5.3	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.395		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3605	7.501				
1146-65-2	Naphthalene-d8	9590	10.26				
15067-26-2	Acenaphthene-d10	6743	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:	A4D12DL	SDG No.:	BM071524
Lab Sample ID:	P3088-17DL	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
BM046624.D	5	7/2/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15076	16.896				
1719-03-5	Chrysene-d12	11461	21.105				
1520-96-3	Perylene-d12	12616	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	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:	A4CC9DL	SDG No.:	BM071524
Lab Sample ID:	P3035-24DL	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
BM046625.D	5	6/26/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	43	ug/Kg
91-20-3	Naphthalene	1.3	U	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	2.1	U	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	1.4	U	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	43	ug/Kg
85-01-8	Phenanthrene	26	D	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	6.1	JD	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	54	D	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	42	D	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	21	D	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	23	D	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	29	D	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	12	JD	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	23	D	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	JD	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3	U	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	4.8	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.19		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3493		7.501			
1146-65-2	Naphthalene-d8	9863		10.259			
15067-26-2	Acenaphthene-d10	6713		14.145			

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:	A4CC9DL	SDG No.:	BM071524
Lab Sample ID:	P3035-24DL	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
BM046625.D	5	6/26/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14611	16.899				
1719-03-5	Chrysene-d12	10933	21.105				
1520-96-3	Perylene-d12	11646	23.242				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6	SDG No.:	BM071524
Lab Sample ID:	P3101-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046626.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	18		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	9.5		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	50		0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	34		0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	36		0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.4	J	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	460	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	93	E	0.19	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	1100	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	670	E	0.27	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	400	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	450	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	570	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	E	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	240	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	E	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30		0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.185		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	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	3428		7.501			
1146-65-2	Naphthalene-d8	9580		10.26			
15067-26-2	Acenaphthene-d10	6701		14.146			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6	SDG No.:	BM071524
Lab Sample ID:	P3101-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046626.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15662	16.896				
1719-03-5	Chrysene-d12	9403	21.108				
1520-96-3	Perylene-d12	11479	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6MS	SDG No.:	BM071524
Lab Sample ID:	P3101-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046627.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32		1	0	7.7	ug/Kg
91-20-3	Naphthalene	28		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	20		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	23		0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	63	E	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	51		0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	57		0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	21		2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	620	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	170	E	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	1500	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	920	E	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	560	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	580	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	E	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	290	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	E	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35		0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.331	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.411		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3758		7.501			
1146-65-2	Naphthalene-d8	10038		10.259			
15067-26-2	Acenaphthene-d10	6810		14.144			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6MS	SDG No.:	BM071524
Lab Sample ID:	P3101-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046627.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14610	16.899				
1719-03-5	Chrysene-d12	8621	21.108				
1520-96-3	Perylene-d12	11833	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6MSD	SDG No.:	BM071524
Lab Sample ID:	P3101-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046628.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33		1	0	7.7	ug/Kg
91-20-3	Naphthalene	30		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	21		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	24		0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	67	E	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	53		0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	60		0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	22		2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	640	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	180	E	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	1600	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	960	E	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	580	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	610	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	640	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	E	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	300	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	E	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36		0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.33	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.436		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3430		7.501			
1146-65-2	Naphthalene-d8	9209		10.26			
15067-26-2	Acenaphthene-d10	6390		14.146			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6MSD	SDG No.:	BM071524
Lab Sample ID:	P3101-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046628.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13748	16.9				
1719-03-5	Chrysene-d12	7901	21.108				
1520-96-3	Perylene-d12	11103	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:	A4D00	SDG No.:	BM071524
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046629.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

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	8.3		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	7.3		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	7.9		0.24	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	19		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	6.5		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	8.3		0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	110	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	21		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	250	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	120	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	87	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	110	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	39		0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.4		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.455		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3489		7.501			
1146-65-2	Naphthalene-d8	9621		10.26			
15067-26-2	Acenaphthene-d10	6434		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:	A4D00	SDG No.:	BM071524
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
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
BM046629.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13570	16.901				
1719-03-5	Chrysene-d12	9038	21.108				
1520-96-3	Perylene-d12	9716	23.25				
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:	A4D00MS	SDG No.:	BM071524
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.03	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
BM046630.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31		1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	19		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	19		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	29		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	17		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	18		0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	23		2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	110	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	29		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	220	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	110	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	85	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	100	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	52		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	24		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.281	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.347		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4005		7.501			
1146-65-2	Naphthalene-d8	11481		10.264			
15067-26-2	Acenaphthene-d10	7937		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:	A4D00MS	SDG No.:	BM071524
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046630.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16803	16.899				
1719-03-5	Chrysene-d12	11269	21.108				
1520-96-3	Perylene-d12	12988	23.253				
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:	A4D00MSD	SDG No.:	BM071524
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046631.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37		1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	21		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	22		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	34		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	20		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	21		0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	27		2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	130	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	35		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	260	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	130	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	99	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	120	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	65		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	45		0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.343	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3279		7.506			
1146-65-2	Naphthalene-d8	9197		10.266			
15067-26-2	Acenaphthene-d10	6330		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:	A4D00MSD	SDG No.:	BM071524
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046631.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13279	16.901				
1719-03-5	Chrysene-d12	8979	21.111				
1520-96-3	Perylene-d12	10334	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS915	SDG No.:	BM071524
Lab Sample ID:	PB161915BS	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
BM046632.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	57		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	18		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	18		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	18		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	18		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	18		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	17		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	31		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	17		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	17		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	20		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	19		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	17		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	17		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	18		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.647	*	15-120		8	SPK: -8
93951-69-0	Fluoranthene-d10	0.59	*	30-130		147	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.528		20-140		132	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3045		7.501			
1146-65-2	Naphthalene-d8	8748		10.266			
15067-26-2	Acenaphthene-d10	5976		14.146			

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS915	SDG No.:	BM071524
Lab Sample ID:	PB161915BS	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
BM046632.D	1	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12786	16.901				
1719-03-5	Chrysene-d12	9243	21.111				
1520-96-3	Perylene-d12	10310	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	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:	A4D00MS	SDG No.:	BM071524
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.03	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
BM046633.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38		1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	21		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	22		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	34		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	20		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	21		0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	26		2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	130	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	35		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	260	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	130	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	98	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	120	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	62		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	44		0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.2		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.336	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.392		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3124		7.502			
1146-65-2	Naphthalene-d8	8595		10.266			
15067-26-2	Acenaphthene-d10	5898		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:	A4D00MS	SDG No.:	BM071524
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046633.D	1	7/8/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12828	16.901				
1719-03-5	Chrysene-d12	9196	21.114				
1520-96-3	Perylene-d12	10511	23.256				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK023	SDG No.:	BM071524
Lab Sample ID:	PB162023BL	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
BM046635.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	5.119		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1883		7.501			
1146-65-2	Naphthalene-d8	5478		10.26			
15067-26-2	Acenaphthene-d10	3788		14.146			

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK023	SDG No.:	BM071524
Lab Sample ID:	PB162023BL	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
BM046635.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8466	16.901				
1719-03-5	Chrysene-d12	6539	21.111				
1520-96-3	Perylene-d12	6775	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BM071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.4
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
BM046636.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4	U	2.4	0	18	ug/Kg
91-20-3	Naphthalene	7.5	J	0.53	2.2	8.7	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	J	1.4	2.2	8.7	ug/Kg
91-57-6	2-Methylnaphthalene	3.9	J	0.5	2.2	8.7	ug/Kg
208-96-8	Acenaphthylene	14		0.87	2.2	8.7	ug/Kg
83-32-9	Acenaphthene	14		0.48	2.2	8.7	ug/Kg
86-73-7	Fluorene	14		0.58	2.2	8.7	ug/Kg
87-86-5	Pentachlorophenol	5.3	U	5.3	4.4	18	ug/Kg
85-01-8	Phenanthrene	170	E	0.48	2.2	8.7	ug/Kg
120-12-7	Anthracene	31		0.45	2.2	8.7	ug/Kg
206-44-0	Fluoranthene	320	E	0.48	2.2	8.7	ug/Kg
129-00-0	Pyrene	160	E	0.64	2.2	8.7	ug/Kg
56-55-3	Benzo(a)anthracene	130		0.25	2.2	8.7	ug/Kg
218-01-9	Chrysene	150	E	0.66	2.2	8.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	E	1.2	2.2	8.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	81		0.85	2.2	8.7	ug/Kg
50-32-8	Benzo(a)pyrene	63		0.85	2.2	8.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50		1.4	2.2	8.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26		1.2	2.2	8.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9		2	2.2	8.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.314		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.198		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.187		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2268		7.502			
1146-65-2	Naphthalene-d8	6263		10.264			
15067-26-2	Acenaphthene-d10	4193		14.145			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0	SDG No.:	BM071524
Lab Sample ID:	P3177-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.4
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
BM046636.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9423	16.899				
1719-03-5	Chrysene-d12	8287	21.111				
1520-96-3	Perylene-d12	8882	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BM071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.3
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
BM046637.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	15	ug/Kg
91-20-3	Naphthalene	24		0.44	1.8	7.2	ug/Kg
90-12-0	1-Methylnaphthalene	7.8		1.1	1.8	7.2	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.41	1.8	7.2	ug/Kg
208-96-8	Acenaphthylene	6.8	J	0.72	1.8	7.2	ug/Kg
83-32-9	Acenaphthene	44		0.39	1.8	7.2	ug/Kg
86-73-7	Fluorene	38		0.48	1.8	7.2	ug/Kg
87-86-5	Pentachlorophenol	4.4	U	4.4	3.7	15	ug/Kg
85-01-8	Phenanthrene	280	E	0.39	1.8	7.2	ug/Kg
120-12-7	Anthracene	60		0.37	1.8	7.2	ug/Kg
206-44-0	Fluoranthene	370	E	0.39	1.8	7.2	ug/Kg
129-00-0	Pyrene	180	E	0.52	1.8	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.2	1.8	7.2	ug/Kg
218-01-9	Chrysene	130	E	0.55	1.8	7.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	1	1.8	7.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	56		0.7	1.8	7.2	ug/Kg
50-32-8	Benzo(a)pyrene	57		0.7	1.8	7.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.1	1.8	7.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	21		1	1.8	7.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.7	J	1.6	1.8	7.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.935		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.161		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2721		7.501			
1146-65-2	Naphthalene-d8	7708		10.264			
15067-26-2	Acenaphthene-d10	5439		14.144			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3	SDG No.:	BM071524
Lab Sample ID:	P3177-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.3
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
BM046637.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11871	16.899				
1719-03-5	Chrysene-d12	9149	21.111				
1520-96-3	Perylene-d12	9668	23.253				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BM071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046638.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	J	0.31	1.3	5	ug/Kg
90-12-0	1-Methylnaphthalene	1.6	J	0.79	1.3	5	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.29	1.3	5	ug/Kg
208-96-8	Acenaphthylene	2.2	J	0.5	1.3	5	ug/Kg
83-32-9	Acenaphthene	6.9		0.27	1.3	5	ug/Kg
86-73-7	Fluorene	6.9		0.34	1.3	5	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	56		0.27	1.3	5	ug/Kg
120-12-7	Anthracene	14		0.26	1.3	5	ug/Kg
206-44-0	Fluoranthene	61		0.27	1.3	5	ug/Kg
129-00-0	Pyrene	49		0.37	1.3	5	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.14	1.3	5	ug/Kg
218-01-9	Chrysene	23		0.38	1.3	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	28		0.72	1.3	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.7		0.49	1.3	5	ug/Kg
50-32-8	Benzo(a)pyrene	23		0.49	1.3	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.79	1.3	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.6	J	0.72	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	2.137		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.181		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2521		7.501			
1146-65-2	Naphthalene-d8	7211		10.26			
15067-26-2	Acenaphthene-d10	5027		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS4	SDG No.:	BM071524
Lab Sample ID:	P3177-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046638.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11009	16.9				
1719-03-5	Chrysene-d12	8714	21.108				
1520-96-3	Perylene-d12	8998	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS5	SDG No.:	BM071524
Lab Sample ID:	P3177-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046639.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	14	ug/Kg
91-20-3	Naphthalene	7		0.41	1.7	6.8	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	J	1.1	1.7	6.8	ug/Kg
91-57-6	2-Methylnaphthalene	3.7	J	0.39	1.7	6.8	ug/Kg
208-96-8	Acenaphthylene	9		0.68	1.7	6.8	ug/Kg
83-32-9	Acenaphthene	17		0.37	1.7	6.8	ug/Kg
86-73-7	Fluorene	17		0.46	1.7	6.8	ug/Kg
87-86-5	Pentachlorophenol	4.1	U	4.1	3.5	14	ug/Kg
85-01-8	Phenanthrene	160	E	0.37	1.7	6.8	ug/Kg
120-12-7	Anthracene	34		0.35	1.7	6.8	ug/Kg
206-44-0	Fluoranthene	280	E	0.37	1.7	6.8	ug/Kg
129-00-0	Pyrene	150	E	0.5	1.7	6.8	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.19	1.7	6.8	ug/Kg
218-01-9	Chrysene	130	E	0.52	1.7	6.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	0.97	1.7	6.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	68		0.66	1.7	6.8	ug/Kg
50-32-8	Benzo(a)pyrene	61		0.66	1.7	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44		1.1	1.7	6.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23		0.97	1.7	6.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.8		1.6	1.7	6.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.21		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.183		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.173		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2296		7.501			
1146-65-2	Naphthalene-d8	6379		10.26			
15067-26-2	Acenaphthene-d10	4289		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS5	SDG No.:	BM071524
Lab Sample ID:	P3177-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046639.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9634	16.9				
1719-03-5	Chrysene-d12	8487	21.108				
1520-96-3	Perylene-d12	9100	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS6	SDG No.:	BM071524
Lab Sample ID:	P3177-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.7
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
BM046640.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	1.9	J	0.31	1.3	5.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.81	U	0.81	1.3	5.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	J	0.3	1.3	5.1	ug/Kg
208-96-8	Acenaphthylene	2.9	J	0.51	1.3	5.1	ug/Kg
83-32-9	Acenaphthene	1.8	J	0.28	1.3	5.1	ug/Kg
86-73-7	Fluorene	2.1	J	0.34	1.3	5.1	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	19		0.28	1.3	5.1	ug/Kg
120-12-7	Anthracene	5.3		0.26	1.3	5.1	ug/Kg
206-44-0	Fluoranthene	44		0.28	1.3	5.1	ug/Kg
129-00-0	Pyrene	38		0.37	1.3	5.1	ug/Kg
56-55-3	Benzo(a)anthracene	19		0.14	1.3	5.1	ug/Kg
218-01-9	Chrysene	19		0.39	1.3	5.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	27		0.73	1.3	5.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.5	1.3	5.1	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.5	1.3	5.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.81	1.3	5.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.4	J	0.73	1.3	5.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1.2	1.3	5.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.505		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.228		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2580		7.501			
1146-65-2	Naphthalene-d8	7604		10.26			
15067-26-2	Acenaphthene-d10	5398		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS6	SDG No.:	BM071524
Lab Sample ID:	P3177-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.7
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
BM046640.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12834	16.9				
1719-03-5	Chrysene-d12	10014	21.108				
1520-96-3	Perylene-d12	10340	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX5	SDG No.:	BM071524
Lab Sample ID:	P3177-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.6
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
BM046641.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	66		0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	35		0.66	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	42		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	9.9		0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	140	E	0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	100	E	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	670	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	85	E	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	580	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	410	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	170	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	170	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	67		0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	160	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	E	0.66	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85	E	0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.275		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2388		7.501			
1146-65-2	Naphthalene-d8	6443		10.26			
15067-26-2	Acenaphthene-d10	4331		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX5	SDG No.:	BM071524
Lab Sample ID:	P3177-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.6
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
BM046641.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9534	16.901				
1719-03-5	Chrysene-d12	7992	21.105				
1520-96-3	Perylene-d12	8345	23.247				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX6	SDG No.:	BM071524
Lab Sample ID:	P3177-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM046642.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	5.8		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	2.4	J	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	3.7	J	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	11		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	5.3		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	6.1		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	78	E	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	18		0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	160	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	83	E	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	79	E	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	89	E	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	35		0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	64		0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59		0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.3		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.995		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.232		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.184		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3118		7.501			
1146-65-2	Naphthalene-d8	8843		10.26			
15067-26-2	Acenaphthene-d10	6249		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX6	SDG No.:	BM071524
Lab Sample ID:	P3177-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM046642.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13157	16.901				
1719-03-5	Chrysene-d12	9292	21.105				
1520-96-3	Perylene-d12	11488	23.25				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2	SDG No.:	BM071524
Lab Sample ID:	P3177-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046643.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	10	ug/Kg
91-20-3	Naphthalene	1.9	J	0.3	1.2	5	ug/Kg
90-12-0	1-Methylnaphthalene	0.78	U	0.78	1.2	5	ug/Kg
91-57-6	2-Methylnaphthalene	0.29	U	0.29	1.2	5	ug/Kg
208-96-8	Acenaphthylene	2.3	J	0.5	1.2	5	ug/Kg
83-32-9	Acenaphthene	1.2	J	0.27	1.2	5	ug/Kg
86-73-7	Fluorene	1.4	J	0.33	1.2	5	ug/Kg
87-86-5	Pentachlorophenol	3	U	3	2.5	10	ug/Kg
85-01-8	Phenanthrene	12		0.27	1.2	5	ug/Kg
120-12-7	Anthracene	3.3	J	0.26	1.2	5	ug/Kg
206-44-0	Fluoranthene	24		0.27	1.2	5	ug/Kg
129-00-0	Pyrene	20		0.36	1.2	5	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.14	1.2	5	ug/Kg
218-01-9	Chrysene	12		0.38	1.2	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.71	1.2	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.4		0.48	1.2	5	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.48	1.2	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.7		0.78	1.2	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	J	0.71	1.2	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.7		1.1	1.2	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.368		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.243		30-130		61	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	2815		7.501			
1146-65-2	Naphthalene-d8	8102		10.26			
15067-26-2	Acenaphthene-d10	5592		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2	SDG No.:	BM071524
Lab Sample ID:	P3177-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046643.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11845	16.901				
1719-03-5	Chrysene-d12	8451	21.102				
1520-96-3	Perylene-d12	9023	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2MS	SDG No.:	BM071524
Lab Sample ID:	P3177-24MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046644.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36		1.3	0	10	ug/Kg
91-20-3	Naphthalene	13		0.3	1.2	5	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.78	1.2	5	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.29	1.2	5	ug/Kg
208-96-8	Acenaphthylene	16		0.5	1.2	5	ug/Kg
83-32-9	Acenaphthene	14		0.27	1.2	5	ug/Kg
86-73-7	Fluorene	14		0.33	1.2	5	ug/Kg
87-86-5	Pentachlorophenol	19		3	2.5	10	ug/Kg
85-01-8	Phenanthrene	26		0.27	1.2	5	ug/Kg
120-12-7	Anthracene	17		0.26	1.2	5	ug/Kg
206-44-0	Fluoranthene	43		0.27	1.2	5	ug/Kg
129-00-0	Pyrene	42		0.36	1.2	5	ug/Kg
56-55-3	Benzo(a)anthracene	27		0.14	1.2	5	ug/Kg
218-01-9	Chrysene	29		0.38	1.2	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	32		0.71	1.2	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	20		0.48	1.2	5	ug/Kg
50-32-8	Benzo(a)pyrene	31		0.48	1.2	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		0.78	1.2	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.71	1.2	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		1.1	1.2	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.277	*	15-120		3	SPK: -8
93951-69-0	Fluoranthene-d10	0.297		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2518		7.501			
1146-65-2	Naphthalene-d8	7026		10.26			
15067-26-2	Acenaphthene-d10	4691		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2MS	SDG No.:	BM071524
Lab Sample ID:	P3177-24MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046644.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10282	16.896				
1719-03-5	Chrysene-d12	8022	21.102				
1520-96-3	Perylene-d12	9075	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2MSD	SDG No.:	BM071524
Lab Sample ID:	P3177-25MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
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
BM046645.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		1.3	0	10	ug/Kg
91-20-3	Naphthalene	15		0.3	1.2	5	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.78	1.2	5	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.29	1.2	5	ug/Kg
208-96-8	Acenaphthylene	18		0.5	1.2	5	ug/Kg
83-32-9	Acenaphthene	15		0.27	1.2	5	ug/Kg
86-73-7	Fluorene	16		0.33	1.2	5	ug/Kg
87-86-5	Pentachlorophenol	22		3	2.5	10	ug/Kg
85-01-8	Phenanthrene	29		0.27	1.2	5	ug/Kg
120-12-7	Anthracene	19		0.26	1.2	5	ug/Kg
206-44-0	Fluoranthene	46		0.27	1.2	5	ug/Kg
129-00-0	Pyrene	45		0.36	1.2	5	ug/Kg
56-55-3	Benzo(a)anthracene	30		0.14	1.2	5	ug/Kg
218-01-9	Chrysene	32		0.38	1.2	5	ug/Kg
205-99-2	Benzo(b)fluoranthene	35		0.71	1.2	5	ug/Kg
207-08-9	Benzo(k)fluoranthene	22		0.48	1.2	5	ug/Kg
50-32-8	Benzo(a)pyrene	35		0.48	1.2	5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23		0.78	1.2	5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	17		0.71	1.2	5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.1	1.2	5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.326	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.319		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2434		7.501			
1146-65-2	Naphthalene-d8	6695		10.26			
15067-26-2	Acenaphthene-d10	4472		14.146			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS2MSD	SDG No.:	BM071524
Lab Sample ID:	P3177-25MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.5
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
BM046645.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10059	16.896				
1719-03-5	Chrysene-d12	8619	21.102				
1520-96-3	Perylene-d12	9735	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY6	SDG No.:	BM071524
Lab Sample ID:	P3177-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.1
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
BM046646.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

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	2.4	J	0.36	1.5	5.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	1.5	5.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	J	0.34	1.5	5.9	ug/Kg
208-96-8	Acenaphthylene	3.1	J	0.59	1.5	5.9	ug/Kg
83-32-9	Acenaphthene	0.32	U	0.32	1.5	5.9	ug/Kg
86-73-7	Fluorene	0.39	U	0.39	1.5	5.9	ug/Kg
87-86-5	Pentachlorophenol	3.6	U	3.6	3	12	ug/Kg
85-01-8	Phenanthrene	9.1		0.32	1.5	5.9	ug/Kg
120-12-7	Anthracene	2.6	J	0.3	1.5	5.9	ug/Kg
206-44-0	Fluoranthene	25		0.32	1.5	5.9	ug/Kg
129-00-0	Pyrene	25		0.43	1.5	5.9	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.17	1.5	5.9	ug/Kg
218-01-9	Chrysene	16		0.45	1.5	5.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	17		0.84	1.5	5.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.4		0.57	1.5	5.9	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.57	1.5	5.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.8		0.93	1.5	5.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.3	J	0.84	1.5	5.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.5		1.3	1.5	5.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.278		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.192		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.181		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2585		7.497			
1146-65-2	Naphthalene-d8	7301		10.26			
15067-26-2	Acenaphthene-d10	5108		14.141			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY6	SDG No.:	BM071524
Lab Sample ID:	P3177-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.1
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
BM046646.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11006	16.896				
1719-03-5	Chrysene-d12	8744	21.102				
1520-96-3	Perylene-d12	9293	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6DL	SDG No.:	BM071524
Lab Sample ID:	P3101-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046647.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1	U	5.1	0	38	ug/Kg
91-20-3	Naphthalene	25	D	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	13	JD	3	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	17	JD	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	80	D	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	48	D	1	4.7	19	ug/Kg
86-73-7	Fluorene	51	D	1.3	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.6	38	ug/Kg
85-01-8	Phenanthrene	700	ED	1	4.7	19	ug/Kg
120-12-7	Anthracene	150	D	0.97	4.7	19	ug/Kg
206-44-0	Fluoranthene	1400	ED	1	4.7	19	ug/Kg
129-00-0	Pyrene	900	ED	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	540	ED	0.53	4.7	19	ug/Kg
218-01-9	Chrysene	610	ED	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	ED	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	350	ED	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	D	3	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	D	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	D	4.3	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.39		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.455		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		20-140		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2698		7.501			
1146-65-2	Naphthalene-d8	7520		10.26			
15067-26-2	Acenaphthene-d10	5264		14.141			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD6DL	SDG No.:	BM071524
Lab Sample ID:	P3101-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046647.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11474	16.896				
1719-03-5	Chrysene-d12	8488	21.102				
1520-96-3	Perylene-d12	9608	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.1	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:	A4D00DL	SDG No.:	BM071524
Lab Sample ID:	P3139-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
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
BM046648.D	5	7/8/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	11	JD	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	9.2	JD	3.4	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	11	JD	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	28	D	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	8.8	JD	1.2	5.3	21	ug/Kg
86-73-7	Fluorene	12	JD	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.8	43	ug/Kg
85-01-8	Phenanthrene	150	D	1.2	5.3	21	ug/Kg
120-12-7	Anthracene	28	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	290	D	1.2	5.3	21	ug/Kg
129-00-0	Pyrene	150	D	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	110	D	0.6	5.3	21	ug/Kg
218-01-9	Chrysene	140	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	D	2.1	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	52	D	2.1	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	D	3.4	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	D	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.9	JD	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.35		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		20-140		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2586	7.497				
1146-65-2	Naphthalene-d8	7179	10.26				
15067-26-2	Acenaphthene-d10	5043	14.141				

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:	A4D00DL	SDG No.:	BM071524
Lab Sample ID:	P3139-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.7
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
BM046648.D	5	7/8/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10986	16.896				
1719-03-5	Chrysene-d12	8449	21.102				
1520-96-3	Perylene-d12	9363	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	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.:	BM071524
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
BM046649.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	12		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	12		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	18		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	12		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	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	12		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	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	0.554	*	15-120		7	SPK: -8
93951-69-0	Fluoranthene-d10	0.405		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2275		7.502			
1146-65-2	Naphthalene-d8	6227		10.259			
15067-26-2	Acenaphthene-d10	4284		14.145			

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.:	BM071524
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
BM046649.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9590	16.895				
1719-03-5	Chrysene-d12	7626	21.102				
1520-96-3	Perylene-d12	8823	23.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SLCS023	SDG No.:	BM071524
Lab Sample ID:	PB162023BS	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
BM046650.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	13		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	12		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	13		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	13		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	21		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	12		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	13		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	13		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		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	12		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.575	*	15-120		7	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.407		20-140		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2355		7.497			
1146-65-2	Naphthalene-d8	6240		10.26			
15067-26-2	Acenaphthene-d10	4254		14.141			

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SLCS023	SDG No.:	BM071524
Lab Sample ID:	PB162023BS	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
BM046650.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9592	16.896				
1719-03-5	Chrysene-d12	7865	21.102				
1520-96-3	Perylene-d12	9240	23.241				
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:	SBLK887	SDG No.:	BM071524
Lab Sample ID:	PB161887BL	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
BM046652.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.499		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2101	7.497				
1146-65-2	Naphthalene-d8	5742	10.254				
15067-26-2	Acenaphthene-d10	3889	14.141				

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:	SBLK887	SDG No.:	BM071524
Lab Sample ID:	PB161887BL	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
BM046652.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8841	16.896				
1719-03-5	Chrysene-d12	7504	21.102				
1520-96-3	Perylene-d12	7594	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BM071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046653.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	2.4	J	0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	5.3		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	3.8		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1.8	J	0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	2.5	J	0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.9		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.4	J	0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	2.2	J	0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	J	0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.8	J	0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.826		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2861		7.497			
1146-65-2	Naphthalene-d8	7758		10.254			
15067-26-2	Acenaphthene-d10	5314		14.141			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1	SDG No.:	BM071524
Lab Sample ID:	P3100-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046653.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12574	16.892				
1719-03-5	Chrysene-d12	10597	21.099				
1520-96-3	Perylene-d12	10587	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MS	SDG No.:	BM071524
Lab Sample ID:	P3100-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046654.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42		0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	12		0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	12		0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	13		0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	13		0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	15		2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	15		0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	13		0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	17		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	16		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	15		0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.432	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2999		7.497			
1146-65-2	Naphthalene-d8	7743		10.259			
15067-26-2	Acenaphthene-d10	4972		14.14			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MS	SDG No.:	BM071524
Lab Sample ID:	P3100-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046654.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11173	16.895				
1719-03-5	Chrysene-d12	9637	21.1				
1520-96-3	Perylene-d12	11752	23.236				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BM071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046655.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	9.3		0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	9.1		0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	9.4		0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	9.3		0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	9.8		0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	9.8		0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	11		2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	11		0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	9.9		0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	13		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	12		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	11		0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.7		0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.367	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2877		7.497			
1146-65-2	Naphthalene-d8	7394		10.255			
15067-26-2	Acenaphthene-d10	4911		14.141			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD1MSD	SDG No.:	BM071524
Lab Sample ID:	P3100-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046655.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10890	16.892				
1719-03-5	Chrysene-d12	9116	21.099				
1520-96-3	Perylene-d12	11003	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	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:	A4BW2	SDG No.:	BM071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046656.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	9.1	ug/Kg
91-20-3	Naphthalene	2.3	J	0.27	1.1	4.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.71	U	0.71	1.1	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1	J	0.26	1.1	4.5	ug/Kg
208-96-8	Acenaphthylene	2.3	J	0.45	1.1	4.5	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.25	1.1	4.5	ug/Kg
86-73-7	Fluorene	1.1	J	0.3	1.1	4.5	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.3	9.1	ug/Kg
85-01-8	Phenanthrene	13		0.25	1.1	4.5	ug/Kg
120-12-7	Anthracene	2.6	J	0.23	1.1	4.5	ug/Kg
206-44-0	Fluoranthene	17		0.25	1.1	4.5	ug/Kg
129-00-0	Pyrene	14		0.33	1.1	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	6.7		0.13	1.1	4.5	ug/Kg
218-01-9	Chrysene	8.3		0.34	1.1	4.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.64	1.1	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.5		0.44	1.1	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	9		0.44	1.1	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.4		0.71	1.1	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.7	J	0.64	1.1	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.6		1	1.1	4.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.309		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.248		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.244		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3018		7.497			
1146-65-2	Naphthalene-d8	8199		10.254			
15067-26-2	Acenaphthene-d10	5454		14.141			

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:	A4BW2	SDG No.:	BM071524
Lab Sample ID:	P3100-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.6
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
BM046656.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12532	16.896				
1719-03-5	Chrysene-d12	10777	21.099				
1520-96-3	Perylene-d12	11164	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4BW4	SDG No.:	BM071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046657.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	12	ug/Kg
91-20-3	Naphthalene	1.5	J	0.36	1.5	5.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	1.5	5.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	1.5	5.9	ug/Kg
208-96-8	Acenaphthylene	2.5	J	0.59	1.5	5.9	ug/Kg
83-32-9	Acenaphthene	0.32	U	0.32	1.5	5.9	ug/Kg
86-73-7	Fluorene	0.39	U	0.39	1.5	5.9	ug/Kg
87-86-5	Pentachlorophenol	3.6	U	3.6	3	12	ug/Kg
85-01-8	Phenanthrene	11		0.32	1.5	5.9	ug/Kg
120-12-7	Anthracene	2.8	J	0.3	1.5	5.9	ug/Kg
206-44-0	Fluoranthene	18		0.32	1.5	5.9	ug/Kg
129-00-0	Pyrene	16		0.43	1.5	5.9	ug/Kg
56-55-3	Benzo(a)anthracene	8.4		0.17	1.5	5.9	ug/Kg
218-01-9	Chrysene	9		0.45	1.5	5.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.84	1.5	5.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.5	J	0.57	1.5	5.9	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.57	1.5	5.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.8	J	0.93	1.5	5.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	J	0.84	1.5	5.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		1.3	1.5	5.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.442		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.254		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3057		7.498			
1146-65-2	Naphthalene-d8	8617		10.254			
15067-26-2	Acenaphthene-d10	5930		14.14			

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:	A4BW4	SDG No.:	BM071524
Lab Sample ID:	P3100-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.4
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
BM046657.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13718	16.895				
1719-03-5	Chrysene-d12	11772	21.1				
1520-96-3	Perylene-d12	11795	23.236				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	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:	A4BW6	SDG No.:	BM071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	58.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046658.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1	U	2.1	0	16	ug/Kg
91-20-3	Naphthalene	16		0.48	2	7.9	ug/Kg
90-12-0	1-Methylnaphthalene	9.8		1.2	2	7.9	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.46	2	7.9	ug/Kg
208-96-8	Acenaphthylene	28		0.79	2	7.9	ug/Kg
83-32-9	Acenaphthene	47		0.43	2	7.9	ug/Kg
86-73-7	Fluorene	89		0.53	2	7.9	ug/Kg
87-86-5	Pentachlorophenol	4.8	U	4.8	4	16	ug/Kg
85-01-8	Phenanthrene	860	E	0.43	2	7.9	ug/Kg
120-12-7	Anthracene	220	E	0.41	2	7.9	ug/Kg
206-44-0	Fluoranthene	1300	E	0.43	2	7.9	ug/Kg
129-00-0	Pyrene	910	E	0.58	2	7.9	ug/Kg
56-55-3	Benzo(a)anthracene	550	E	0.22	2	7.9	ug/Kg
218-01-9	Chrysene	460	E	0.6	2	7.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	530	E	1.1	2	7.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.77	2	7.9	ug/Kg
50-32-8	Benzo(a)pyrene	460	E	0.77	2	7.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	1.2	2	7.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62		1.1	2	7.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	E	1.8	2	7.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.792		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.231		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.214		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2696		7.497			
1146-65-2	Naphthalene-d8	7430		10.253			
15067-26-2	Acenaphthene-d10	5034		14.14			

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:	A4BW6	SDG No.:	BM071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	58.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046658.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11512	16.895				
1719-03-5	Chrysene-d12	9163	21.102				
1520-96-3	Perylene-d12	10058	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.1	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:	A4BW7	SDG No.:	BM071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046659.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.9	ug/Kg
91-20-3	Naphthalene	0.93	J	0.26	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.69	U	0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	1.9	J	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.24	U	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.29	U	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	6.5		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	2.3	J	0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	13		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	11		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	7.1		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	7.4		0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.62	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.8	J	0.42	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	8.1		0.42	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.4		0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	J	0.62	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.3		0.99	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.876		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.221		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.219		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3166		7.497			
1146-65-2	Naphthalene-d8	8642		10.255			
15067-26-2	Acenaphthene-d10	5812		14.141			

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:	A4BW7	SDG No.:	BM071524
Lab Sample ID:	P3100-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046659.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13124	16.892				
1719-03-5	Chrysene-d12	11385	21.102				
1520-96-3	Perylene-d12	11571	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	A4BW8	SDG No.:	BM071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046660.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	18		0.34	1.4	5.6	ug/Kg
90-12-0	1-Methylnaphthalene	6.2		0.89	1.4	5.6	ug/Kg
91-57-6	2-Methylnaphthalene	9.4		0.32	1.4	5.6	ug/Kg
208-96-8	Acenaphthylene	31		0.56	1.4	5.6	ug/Kg
83-32-9	Acenaphthene	16		0.31	1.4	5.6	ug/Kg
86-73-7	Fluorene	17		0.38	1.4	5.6	ug/Kg
87-86-5	Pentachlorophenol	3.4	U	3.4	2.9	11	ug/Kg
85-01-8	Phenanthrene	210	E	0.31	1.4	5.6	ug/Kg
120-12-7	Anthracene	48		0.29	1.4	5.6	ug/Kg
206-44-0	Fluoranthene	460	E	0.31	1.4	5.6	ug/Kg
129-00-0	Pyrene	290	E	0.41	1.4	5.6	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.16	1.4	5.6	ug/Kg
218-01-9	Chrysene	220	E	0.43	1.4	5.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	E	0.8	1.4	5.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	E	0.55	1.4	5.6	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.55	1.4	5.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81		0.89	1.4	5.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38		0.8	1.4	5.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		1.3	1.4	5.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.892		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.252		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3452	7.497				
1146-65-2	Naphthalene-d8	9523	10.255				
15067-26-2	Acenaphthene-d10	6484	14.137				

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:	A4BW8	SDG No.:	BM071524
Lab Sample ID:	P3100-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046660.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15580	16.892				
1719-03-5	Chrysene-d12	11460	21.102				
1520-96-3	Perylene-d12	12369	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4BY0	SDG No.:	BM071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046661.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	15	ug/Kg
91-20-3	Naphthalene	5.2	J	0.44	1.8	7.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.5	J	1.1	1.8	7.2	ug/Kg
91-57-6	2-Methylnaphthalene	2.3	J	0.42	1.8	7.2	ug/Kg
208-96-8	Acenaphthylene	9.3		0.72	1.8	7.2	ug/Kg
83-32-9	Acenaphthene	4.2	J	0.39	1.8	7.2	ug/Kg
86-73-7	Fluorene	4.4	J	0.48	1.8	7.2	ug/Kg
87-86-5	Pentachlorophenol	4.4	U	4.4	3.7	15	ug/Kg
85-01-8	Phenanthrene	57		0.39	1.8	7.2	ug/Kg
120-12-7	Anthracene	12		0.37	1.8	7.2	ug/Kg
206-44-0	Fluoranthene	120	E	0.39	1.8	7.2	ug/Kg
129-00-0	Pyrene	80		0.53	1.8	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	51		0.2	1.8	7.2	ug/Kg
218-01-9	Chrysene	58		0.55	1.8	7.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	80		1	1.8	7.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	32		0.7	1.8	7.2	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.7	1.8	7.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.1	1.8	7.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		1	1.8	7.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5	J	1.6	1.8	7.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.112		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.308		30-130		77	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	3649		7.497			
1146-65-2	Naphthalene-d8	10110		10.253			
15067-26-2	Acenaphthene-d10	6901		14.14			

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:	A4BY0	SDG No.:	BM071524
Lab Sample ID:	P3100-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046661.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15301	16.895				
1719-03-5	Chrysene-d12	11348	21.102				
1520-96-3	Perylene-d12	11871	23.242				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	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:	A4D04	SDG No.:	BM071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046662.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

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	3.8	J	0.51	2.1	8.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	1.3	2.1	8.5	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.49	2.1	8.5	ug/Kg
208-96-8	Acenaphthylene	7.6	J	0.85	2.1	8.5	ug/Kg
83-32-9	Acenaphthene	6.7	J	0.46	2.1	8.5	ug/Kg
86-73-7	Fluorene	7.3	J	0.56	2.1	8.5	ug/Kg
87-86-5	Pentachlorophenol	5.1	U	5.1	4.3	17	ug/Kg
85-01-8	Phenanthrene	100		0.46	2.1	8.5	ug/Kg
120-12-7	Anthracene	17		0.44	2.1	8.5	ug/Kg
206-44-0	Fluoranthene	220	E	0.46	2.1	8.5	ug/Kg
129-00-0	Pyrene	130		0.61	2.1	8.5	ug/Kg
56-55-3	Benzo(a)anthracene	79		0.24	2.1	8.5	ug/Kg
218-01-9	Chrysene	96		0.64	2.1	8.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	140		1.2	2.1	8.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	48		0.82	2.1	8.5	ug/Kg
50-32-8	Benzo(a)pyrene	54		0.82	2.1	8.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.3	2.1	8.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	17		1.2	2.1	8.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.9	2.1	8.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.219		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.357		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3261		7.497			
1146-65-2	Naphthalene-d8	9115		10.255			
15067-26-2	Acenaphthene-d10	5962		14.141			

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:	A4D04	SDG No.:	BM071524
Lab Sample ID:	P3100-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.1
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
BM046662.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13524	16.892				
1719-03-5	Chrysene-d12	10227	21.102				
1520-96-3	Perylene-d12	10591	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SLCS950	SDG No.:	BM071524
Lab Sample ID:	PB161950BS	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
BM046663.D	1	7/8/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43		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	11		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	18		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	10		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		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	10		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.9		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.8		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.483		15-120		60	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2939	7.497				
1146-65-2	Naphthalene-d8	7752	10.255				
15067-26-2	Acenaphthene-d10	4893	14.141				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SLCS950	SDG No.:	BM071524
Lab Sample ID:	PB161950BS	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
BM046663.D	1	7/8/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10800	16.892				
1719-03-5	Chrysene-d12	8846	21.105				
1520-96-3	Perylene-d12	10368	23.241				
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:	SLCS887	SDG No.:	BM071524
Lab Sample ID:	PB161887BS	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
BM046664.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		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	10		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	10		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	17		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	10		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		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	10		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.482		15-120		60	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.33		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3162	7.497				
1146-65-2	Naphthalene-d8	8448	10.253				
15067-26-2	Acenaphthene-d10	5460	14.14				

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:	SLCS887	SDG No.:	BM071524
Lab Sample ID:	PB161887BS	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
BM046664.D	1	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11707	16.895				
1719-03-5	Chrysene-d12	9319	21.102				
1520-96-3	Perylene-d12	11232	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS915	SDG No.:	BM071524
Lab Sample ID:	PB161915BS	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
BM046665.D	1	7/3/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161915

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	12		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	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	19		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	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	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	0.519		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	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	2672	7.493				
1146-65-2	Naphthalene-d8	7167	10.255				
15067-26-2	Acenaphthene-d10	4569	14.141				

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS915	SDG No.:	BM071524
Lab Sample ID:	PB161915BS	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
BM046665.D	1	7/3/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161915

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9781	16.892				
1719-03-5	Chrysene-d12	7793	21.099				
1520-96-3	Perylene-d12	9380	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BM071524
Lab Sample ID:	PB162044BL	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
BM046667.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162044

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	5.095		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2044	7.493				
1146-65-2	Naphthalene-d8	5444	10.253				
15067-26-2	Acenaphthene-d10	3604	14.14				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BM071524
Lab Sample ID:	PB162044BL	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
BM046667.D	1	7/12/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8032	16.891				
1719-03-5	Chrysene-d12	6861	21.102				
1520-96-3	Perylene-d12	7017	23.242				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0DL	SDG No.:	BM071524
Lab Sample ID:	P3177-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.4
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
BM046668.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	89	ug/Kg
91-20-3	Naphthalene	12	JD	2.7	10.9	44	ug/Kg
90-12-0	1-Methylnaphthalene	6.9	U	6.9	10.9	44	ug/Kg
91-57-6	2-Methylnaphthalene	2.5	U	2.5	10.9	44	ug/Kg
208-96-8	Acenaphthylene	20	JD	4.4	10.9	44	ug/Kg
83-32-9	Acenaphthene	22	JD	2.4	10.9	44	ug/Kg
86-73-7	Fluorene	22	JD	2.9	10.9	44	ug/Kg
87-86-5	Pentachlorophenol	27	U	27	22.2	89	ug/Kg
85-01-8	Phenanthrene	280	D	2.4	10.9	44	ug/Kg
120-12-7	Anthracene	51	D	2.3	10.9	44	ug/Kg
206-44-0	Fluoranthene	530	D	2.4	10.9	44	ug/Kg
129-00-0	Pyrene	270	D	3.2	10.9	44	ug/Kg
56-55-3	Benzo(a)anthracene	220	D	1.2	10.9	44	ug/Kg
218-01-9	Chrysene	250	D	3.3	10.9	44	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	D	6.2	10.9	44	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	4.2	10.9	44	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	4.2	10.9	44	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	D	6.9	10.9	44	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	JD	6.2	10.9	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16	JD	9.9	10.9	44	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.64		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2798	7.497				
1146-65-2	Naphthalene-d8	7558	10.253				
15067-26-2	Acenaphthene-d10	5124	14.14				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS0DL	SDG No.:	BM071524
Lab Sample ID:	P3177-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	62.4
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
BM046668.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10696	16.891				
1719-03-5	Chrysene-d12	8930	21.102				
1520-96-3	Perylene-d12	10426	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3DL	SDG No.:	BM071524
Lab Sample ID:	P3177-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.3
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
BM046669.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7	U	9.7	0	73	ug/Kg
91-20-3	Naphthalene	39	D	2.2	9	36	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	5.7	9	36	ug/Kg
91-57-6	2-Methylnaphthalene	18	JD	2.1	9	36	ug/Kg
208-96-8	Acenaphthylene	13	JD	3.6	9	36	ug/Kg
83-32-9	Acenaphthene	71	D	2	9	36	ug/Kg
86-73-7	Fluorene	62	D	2.4	9	36	ug/Kg
87-86-5	Pentachlorophenol	22	U	22	18.3	73	ug/Kg
85-01-8	Phenanthrene	460	D	2	9	36	ug/Kg
120-12-7	Anthracene	100	D	1.9	9	36	ug/Kg
206-44-0	Fluoranthene	520	D	2	9	36	ug/Kg
129-00-0	Pyrene	280	D	2.6	9	36	ug/Kg
56-55-3	Benzo(a)anthracene	220	D	1	9	36	ug/Kg
218-01-9	Chrysene	220	D	2.7	9	36	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	D	5.1	9	36	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	3.5	9	36	ug/Kg
50-32-8	Benzo(a)pyrene	92	D	3.5	9	36	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	D	5.7	9	36	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	JD	5.1	9	36	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	8.2	9	36	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.33		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2904		7.493			
1146-65-2	Naphthalene-d8	7522		10.255			
15067-26-2	Acenaphthene-d10	5040		14.136			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS3DL	SDG No.:	BM071524
Lab Sample ID:	P3177-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	54.3
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
BM046669.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11434	16.892				
1719-03-5	Chrysene-d12	11022	21.102				
1520-96-3	Perylene-d12	12033	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS5DL	SDG No.:	BM071524
Lab Sample ID:	P3177-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046670.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.2	U	9.2	0	69	ug/Kg
91-20-3	Naphthalene	12	JD	2.1	8.5	34	ug/Kg
90-12-0	1-Methylnaphthalene	5.4	U	5.4	8.5	34	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	8.5	34	ug/Kg
208-96-8	Acenaphthylene	15	JD	3.4	8.5	34	ug/Kg
83-32-9	Acenaphthene	28	JD	1.9	8.5	34	ug/Kg
86-73-7	Fluorene	29	JD	2.3	8.5	34	ug/Kg
87-86-5	Pentachlorophenol	21	U	21	17.4	69	ug/Kg
85-01-8	Phenanthrene	270	D	1.9	8.5	34	ug/Kg
120-12-7	Anthracene	58	D	1.8	8.5	34	ug/Kg
206-44-0	Fluoranthene	480	D	1.9	8.5	34	ug/Kg
129-00-0	Pyrene	260	D	2.5	8.5	34	ug/Kg
56-55-3	Benzo(a)anthracene	200	D	0.96	8.5	34	ug/Kg
218-01-9	Chrysene	220	D	2.6	8.5	34	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	D	4.9	8.5	34	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	3.3	8.5	34	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	3.3	8.5	34	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	D	5.4	8.5	34	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	D	4.9	8.5	34	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15	JD	7.8	8.5	34	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.68		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2850		7.497			
1146-65-2	Naphthalene-d8	7672		10.255			
15067-26-2	Acenaphthene-d10	5186		14.141			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BS5DL	SDG No.:	BM071524
Lab Sample ID:	P3177-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046670.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11410	16.892				
1719-03-5	Chrysene-d12	9780	21.102				
1520-96-3	Perylene-d12	10987	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX5DL	SDG No.:	BM071524
Lab Sample ID:	P3177-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.6
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
BM046671.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	90	D	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	48	D	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	58	D	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	14	JD	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	190	D	1.1	5.3	21	ug/Kg
86-73-7	Fluorene	140	D	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.7	43	ug/Kg
85-01-8	Phenanthrene	960	ED	1.1	5.3	21	ug/Kg
120-12-7	Anthracene	120	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	760	ED	1.1	5.3	21	ug/Kg
129-00-0	Pyrene	570	ED	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	230	D	0.59	5.3	21	ug/Kg
218-01-9	Chrysene	240	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	2	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	2	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	D	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	D	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.615		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	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	2872	7.497				
1146-65-2	Naphthalene-d8	7779	10.253				
15067-26-2	Acenaphthene-d10	5188	14.14				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX5DL	SDG No.:	BM071524
Lab Sample ID:	P3177-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.6
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
BM046671.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10888	16.891				
1719-03-5	Chrysene-d12	9796	21.099				
1520-96-3	Perylene-d12	10985	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX6DL	SDG No.:	BM071524
Lab Sample ID:	P3177-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM046672.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	8.2	JD	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	5.3	JD	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	17	JD	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	8.2	JD	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	8.8	JD	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	42	ug/Kg
85-01-8	Phenanthrene	110	D	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	27	D	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	190	D	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	110	D	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	110	D	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	120	D	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	D	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	D	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65	D	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	D	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12	JD	4.7	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.17		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3034		7.493			
1146-65-2	Naphthalene-d8	8428		10.255			
15067-26-2	Acenaphthene-d10	5680		14.141			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX6DL	SDG No.:	BM071524
Lab Sample ID:	P3177-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BM046672.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12379	16.892				
1719-03-5	Chrysene-d12	11171	21.102				
1520-96-3	Perylene-d12	12553	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	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:	A4BW6DL	SDG No.:	BM071524
Lab Sample ID:	P3100-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	58.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046673.D	5	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	80	ug/Kg
91-20-3	Naphthalene	19	JD	2.4	9.9	40	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	6.2	9.9	40	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	2.3	9.9	40	ug/Kg
208-96-8	Acenaphthylene	35	JD	4	9.9	40	ug/Kg
83-32-9	Acenaphthene	54	D	2.2	9.9	40	ug/Kg
86-73-7	Fluorene	99	D	2.6	9.9	40	ug/Kg
87-86-5	Pentachlorophenol	24	U	24	20.1	80	ug/Kg
85-01-8	Phenanthrene	970	ED	2.2	9.9	40	ug/Kg
120-12-7	Anthracene	250	D	2	9.9	40	ug/Kg
206-44-0	Fluoranthene	1500	ED	2.2	9.9	40	ug/Kg
129-00-0	Pyrene	1000	ED	2.9	9.9	40	ug/Kg
56-55-3	Benzo(a)anthracene	580	D	1.1	9.9	40	ug/Kg
218-01-9	Chrysene	500	D	3	9.9	40	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	D	5.6	9.9	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	D	3.8	9.9	40	ug/Kg
50-32-8	Benzo(a)pyrene	490	D	3.8	9.9	40	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	D	6.2	9.9	40	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	D	5.6	9.9	40	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	D	9	9.9	40	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.2		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3023		7.497			
1146-65-2	Naphthalene-d8	8344		10.253			
15067-26-2	Acenaphthene-d10	5801		14.14			

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:	A4BW6DL	SDG No.:	BM071524
Lab Sample ID:	P3100-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	58.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046673.D	5	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12928	16.891				
1719-03-5	Chrysene-d12	10303	21.1				
1520-96-3	Perylene-d12	11187	23.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	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:	A4BW8DL	SDG No.:	BM071524
Lab Sample ID:	P3100-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046674.D	5	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6	U	7.6	0	57	ug/Kg
91-20-3	Naphthalene	25	JD	1.7	7	28	ug/Kg
90-12-0	1-Methylnaphthalene	8.8	JD	4.4	7	28	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	1.6	7	28	ug/Kg
208-96-8	Acenaphthylene	45	D	2.8	7	28	ug/Kg
83-32-9	Acenaphthene	22	JD	1.5	7	28	ug/Kg
86-73-7	Fluorene	23	JD	1.9	7	28	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14.3	57	ug/Kg
85-01-8	Phenanthrene	310	D	1.5	7	28	ug/Kg
120-12-7	Anthracene	72	D	1.5	7	28	ug/Kg
206-44-0	Fluoranthene	570	ED	1.5	7	28	ug/Kg
129-00-0	Pyrene	380	D	2	7	28	ug/Kg
56-55-3	Benzo(a)anthracene	270	D	0.79	7	28	ug/Kg
218-01-9	Chrysene	290	D	2.1	7	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	D	4	7	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	2.7	7	28	ug/Kg
50-32-8	Benzo(a)pyrene	160	D	2.7	7	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	4.4	7	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	D	4	7	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	JD	6.4	7	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.05		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	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	2988		7.497			
1146-65-2	Naphthalene-d8	8201		10.255			
15067-26-2	Acenaphthene-d10	5611		14.137			

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:	A4BW8DL	SDG No.:	BM071524
Lab Sample ID:	P3100-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046674.D	5	7/2/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB161887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12218	16.892				
1719-03-5	Chrysene-d12	10467	21.099				
1520-96-3	Perylene-d12	11417	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX4	SDG No.:	BM071524
Lab Sample ID:	P3177-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.3
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
BM046675.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	U	1.7	0	13	ug/Kg
91-20-3	Naphthalene	5.5	J	0.39	1.6	6.4	ug/Kg
90-12-0	1-Methylnaphthalene	2.2	J	1	1.6	6.4	ug/Kg
91-57-6	2-Methylnaphthalene	3.1	J	0.37	1.6	6.4	ug/Kg
208-96-8	Acenaphthylene	8.5		0.64	1.6	6.4	ug/Kg
83-32-9	Acenaphthene	5.8	J	0.35	1.6	6.4	ug/Kg
86-73-7	Fluorene	5.8	J	0.42	1.6	6.4	ug/Kg
87-86-5	Pentachlorophenol	3.9	U	3.9	3.2	13	ug/Kg
85-01-8	Phenanthrene	63		0.35	1.6	6.4	ug/Kg
120-12-7	Anthracene	12		0.33	1.6	6.4	ug/Kg
206-44-0	Fluoranthene	98		0.35	1.6	6.4	ug/Kg
129-00-0	Pyrene	86		0.46	1.6	6.4	ug/Kg
56-55-3	Benzo(a)anthracene	42		0.18	1.6	6.4	ug/Kg
218-01-9	Chrysene	51		0.48	1.6	6.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	71		0.91	1.6	6.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.62	1.6	6.4	ug/Kg
50-32-8	Benzo(a)pyrene	58		0.62	1.6	6.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		1	1.6	6.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.91	1.6	6.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		1.4	1.6	6.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.724		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.214		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.208		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2703	7.497				
1146-65-2	Naphthalene-d8	7447	10.253				
15067-26-2	Acenaphthene-d10	4959	14.14				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX4	SDG No.:	BM071524
Lab Sample ID:	P3177-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.3
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
BM046675.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11300	16.891				
1719-03-5	Chrysene-d12	9573	21.102				
1520-96-3	Perylene-d12	10591	23.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX4DL	SDG No.:	BM071524
Lab Sample ID:	P3177-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.3
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
BM046676.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.6	U	8.6	0	65	ug/Kg
91-20-3	Naphthalene	1.9	U	1.9	8	32	ug/Kg
90-12-0	1-Methylnaphthalene	5	U	5	8	32	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	U	1.8	8	32	ug/Kg
208-96-8	Acenaphthylene	12	JD	3.2	8	32	ug/Kg
83-32-9	Acenaphthene	6.4	JD	1.7	8	32	ug/Kg
86-73-7	Fluorene	6.4	JD	2.1	8	32	ug/Kg
87-86-5	Pentachlorophenol	19	U	19	16.1	65	ug/Kg
85-01-8	Phenanthrene	69	D	1.7	8	32	ug/Kg
120-12-7	Anthracene	14	JD	1.6	8	32	ug/Kg
206-44-0	Fluoranthene	100	D	1.7	8	32	ug/Kg
129-00-0	Pyrene	96	D	2.3	8	32	ug/Kg
56-55-3	Benzo(a)anthracene	46	D	0.9	8	32	ug/Kg
218-01-9	Chrysene	57	D	2.4	8	32	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	D	4.5	8	32	ug/Kg
207-08-9	Benzo(k)fluoranthene	29	JD	3.1	8	32	ug/Kg
50-32-8	Benzo(a)pyrene	65	D	3.1	8	32	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	D	5	8	32	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12	JD	4.5	8	32	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	D	7.2	8	32	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.985		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	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	2355	7.493				
1146-65-2	Naphthalene-d8	6298	10.255				
15067-26-2	Acenaphthene-d10	4130	14.137				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BX4DL	SDG No.:	BM071524
Lab Sample ID:	P3177-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.3
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
BM046676.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8944	16.892				
1719-03-5	Chrysene-d12	7644	21.099				
1520-96-3	Perylene-d12	9192	23.235				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY2	SDG No.:	BM071524
Lab Sample ID:	P3177-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BM046677.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

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	32		0.31	1.3	5.1	ug/Kg
90-12-0	1-Methylnaphthalene	15		0.8	1.3	5.1	ug/Kg
91-57-6	2-Methylnaphthalene	21		0.29	1.3	5.1	ug/Kg
208-96-8	Acenaphthylene	110	E	0.51	1.3	5.1	ug/Kg
83-32-9	Acenaphthene	43		0.28	1.3	5.1	ug/Kg
86-73-7	Fluorene	48		0.34	1.3	5.1	ug/Kg
87-86-5	Pentachlorophenol	6	J	3.1	2.6	10	ug/Kg
85-01-8	Phenanthrene	720	E	0.28	1.3	5.1	ug/Kg
120-12-7	Anthracene	150	E	0.26	1.3	5.1	ug/Kg
206-44-0	Fluoranthene	2100	E	0.28	1.3	5.1	ug/Kg
129-00-0	Pyrene	1000	E	0.37	1.3	5.1	ug/Kg
56-55-3	Benzo(a)anthracene	740	E	0.14	1.3	5.1	ug/Kg
218-01-9	Chrysene	1000	E	0.38	1.3	5.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.72	1.3	5.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	E	0.49	1.3	5.1	ug/Kg
50-32-8	Benzo(a)pyrene	300	E	0.49	1.3	5.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	E	0.8	1.3	5.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	E	0.72	1.3	5.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47		1.2	1.3	5.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.699		15-120		21	SPK: -8
93951-69-0	Fluoranthene-d10	0.187		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.145		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2410	7.497				
1146-65-2	Naphthalene-d8	6369	10.255				
15067-26-2	Acenaphthene-d10	4481	14.137				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY2	SDG No.:	BM071524
Lab Sample ID:	P3177-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BM046677.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10038	16.892				
1719-03-5	Chrysene-d12	6978	21.102				
1520-96-3	Perylene-d12	10095	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY2DL	SDG No.:	BM071524
Lab Sample ID:	P3177-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BM046678.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	51	ug/Kg
91-20-3	Naphthalene	30	D	1.5	6.3	25	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	4	6.3	25	ug/Kg
91-57-6	2-Methylnaphthalene	20	JD	1.5	6.3	25	ug/Kg
208-96-8	Acenaphthylene	110	D	2.5	6.3	25	ug/Kg
83-32-9	Acenaphthene	42	D	1.4	6.3	25	ug/Kg
86-73-7	Fluorene	47	D	1.7	6.3	25	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	12.9	51	ug/Kg
85-01-8	Phenanthrene	680	ED	1.4	6.3	25	ug/Kg
120-12-7	Anthracene	150	D	1.3	6.3	25	ug/Kg
206-44-0	Fluoranthene	1900	ED	1.4	6.3	25	ug/Kg
129-00-0	Pyrene	960	ED	1.8	6.3	25	ug/Kg
56-55-3	Benzo(a)anthracene	650	ED	0.71	6.3	25	ug/Kg
218-01-9	Chrysene	880	ED	1.9	6.3	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	ED	3.6	6.3	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	430	ED	2.5	6.3	25	ug/Kg
50-32-8	Benzo(a)pyrene	320	D	2.5	6.3	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290	D	4	6.3	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	D	3.6	6.3	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	D	5.8	6.3	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.4		15-120		17	SPK: -8
93951-69-0	Fluoranthene-d10	0.16		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.145		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3116	7.497				
1146-65-2	Naphthalene-d8	8744	10.254				
15067-26-2	Acenaphthene-d10	5827	14.141				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY2DL	SDG No.:	BM071524
Lab Sample ID:	P3177-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.1
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
BM046678.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12698	16.892				
1719-03-5	Chrysene-d12	8363	21.102				
1520-96-3	Perylene-d12	9925	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY3	SDG No.:	BM071524
Lab Sample ID:	P3177-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
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
BM046679.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	34		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	15		0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	19		0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	65		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	48		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	48		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	600	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	130	E	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	1300	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	660	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	500	E	0.11	1	4.1	ug/Kg
218-01-9	Chrysene	530	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	600	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	E	0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	190	E	0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	E	0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	E	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.215		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3134		7.497			
1146-65-2	Naphthalene-d8	8860		10.255			
15067-26-2	Acenaphthene-d10	5987		14.141			

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY3	SDG No.:	BM071524
Lab Sample ID:	P3177-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
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
BM046679.D	1	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13102	16.892				
1719-03-5	Chrysene-d12	8026	21.102				
1520-96-3	Perylene-d12	10628	23.244				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY3DL	SDG No.:	BM071524
Lab Sample ID:	P3177-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
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
BM046680.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	41	ug/Kg
91-20-3	Naphthalene	34	D	1.2	5.1	20	ug/Kg
90-12-0	1-Methylnaphthalene	15	JD	3.2	5.1	20	ug/Kg
91-57-6	2-Methylnaphthalene	19	JD	1.2	5.1	20	ug/Kg
208-96-8	Acenaphthylene	67	D	2	5.1	20	ug/Kg
83-32-9	Acenaphthene	49	D	1.1	5.1	20	ug/Kg
86-73-7	Fluorene	49	D	1.4	5.1	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.3	41	ug/Kg
85-01-8	Phenanthrene	610	ED	1.1	5.1	20	ug/Kg
120-12-7	Anthracene	130	D	1	5.1	20	ug/Kg
206-44-0	Fluoranthene	1200	ED	1.1	5.1	20	ug/Kg
129-00-0	Pyrene	640	ED	1.5	5.1	20	ug/Kg
56-55-3	Benzo(a)anthracene	460	ED	0.57	5.1	20	ug/Kg
218-01-9	Chrysene	480	ED	1.5	5.1	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	610	ED	2.9	5.1	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	2	5.1	20	ug/Kg
50-32-8	Benzo(a)pyrene	200	D	2	5.1	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	3.2	5.1	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	77	D	2.9	5.1	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	D	4.6	5.1	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.135		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	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	3243	7.497				
1146-65-2	Naphthalene-d8	8984	10.255				
15067-26-2	Acenaphthene-d10	6045	14.141				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	A4BY3DL	SDG No.:	BM071524
Lab Sample ID:	P3177-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
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
BM046680.D	5	7/11/2024 12:00:00 AM	7/17/2024 12:00:00 AM	PB162023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12920	16.892				
1719-03-5	Chrysene-d12	8735	21.102				
1520-96-3	Perylene-d12	10124	23.241				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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	Acenaphthylene		1.300	J 0.4	4	ug/Kg
P3035-10	A4CX8	Solid	Anthracene		1.700	J 0.21	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(a)anthracene		6.200	0.11	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(a)pyrene		7.200	0.39	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(b)fluoranthene		9.400	0.58	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(g,h,i)perylene		5.000	0.92	4	ug/Kg
P3035-10	A4CX8	Solid	Benzo(k)fluoranthene		3.600	J 0.39	4	ug/Kg
P3035-10	A4CX8	Solid	Chrysene		7.000	0.31	4	ug/Kg
P3035-10	A4CX8	Solid	Dibenzo(a,h)anthracene		1.300	J 0.58	4	ug/Kg
P3035-10	A4CX8	Solid	Fluoranthene		14.000	0.22	4	ug/Kg
P3035-10	A4CX8	Solid	Indeno(1,2,3-cd)pyrene		4.000	0.64	4	ug/Kg
P3035-10	A4CX8	Solid	Phenanthrene		7.600	0.22	4	ug/Kg
P3035-10	A4CX8	Solid	Pyrene		12.000	0.29	4	ug/Kg
			Total Svoc :			80.30		
			Total Concentration:			80.30		
Client ID : A4CX5								
P3035-17	A4CX5	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :			0.00		
P3035-17	A4CX5	Solid	Benzo(a)anthracene		3.200	J 0.11	3.8	ug/Kg
P3035-17	A4CX5	Solid	Benzo(a)pyrene		4.100	0.36	3.8	ug/Kg
P3035-17	A4CX5	Solid	Benzo(b)fluoranthene		6.600	0.54	3.8	ug/Kg
P3035-17	A4CX5	Solid	Benzo(g,h,i)perylene		3.200	J 0.85	3.8	ug/Kg
P3035-17	A4CX5	Solid	Benzo(k)fluoranthene		2.600	J 0.36	3.8	ug/Kg
P3035-17	A4CX5	Solid	Chrysene		4.200	0.28	3.8	ug/Kg
P3035-17	A4CX5	Solid	Dibenzo(a,h)anthracene		0.840	J 0.54	3.8	ug/Kg
P3035-17	A4CX5	Solid	Fluoranthene		9.400	0.21	3.8	ug/Kg
P3035-17	A4CX5	Solid	Indeno(1,2,3-cd)pyrene		2.600	J 0.59	3.8	ug/Kg
P3035-17	A4CX5	Solid	Phenanthrene		3.400	J 0.21	3.8	ug/Kg
P3035-17	A4CX5	Solid	Pyrene		7.100	0.27	3.8	ug/Kg
			Total Svoc :			47.24		
			Total Concentration:			47.24		
Client ID : A4CC9DL								
P3035-24DL	A4CC9DL	Solid	Total Alkanes	*	0.000	D 5.6	43	ug/Kg
			Total Tics :			0.00		
P3035-24DL	A4CC9DL	Solid	Anthracene		6.100	JD 1.1	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-24DL	A4CC9DL	Solid	Benzo(a)anthracene	21.000	D	0.59	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Benzo(a)pyrene	23.000	D	2	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Benzo(b)fluoranthene	29.000	D	3	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Benzo(g,h,i)perylene	14.000	JD	4.8	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Benzo(k)fluoranthene	12.000	JD	2	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Chrysene	23.000	D	1.6	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Fluoranthene	54.000	D	1.1	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Indeno(1,2,3-cd)pyrene	12.000	JD	3.3	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Phenanthrene	26.000	D	1.1	21	ug/Kg
P3035-24DL	A4CC9DL	Solid	Pyrene	42.000	D	1.5	21	ug/Kg
Total Svoc :				262.10				
Total Concentration:				262.10				
Client ID : A4CD0								
P3035-25	A4CD0	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
Total Tics :				0.00				
P3035-25	A4CD0	Solid	Acenaphthylene	0.830	J	0.39	3.9	ug/Kg
P3035-25	A4CD0	Solid	Anthracene	1.100	J	0.2	3.9	ug/Kg
P3035-25	A4CD0	Solid	Benzo(a)anthracene	5.600		0.11	3.9	ug/Kg
P3035-25	A4CD0	Solid	Benzo(a)pyrene	7.700		0.38	3.9	ug/Kg
P3035-25	A4CD0	Solid	Benzo(b)fluoranthene	11.000		0.56	3.9	ug/Kg
P3035-25	A4CD0	Solid	Benzo(g,h,i)perylene	5.600		0.89	3.9	ug/Kg
P3035-25	A4CD0	Solid	Benzo(k)fluoranthene	4.000		0.38	3.9	ug/Kg
P3035-25	A4CD0	Solid	Chrysene	7.100		0.3	3.9	ug/Kg
P3035-25	A4CD0	Solid	Dibenzo(a,h)anthracene	1.400	J	0.56	3.9	ug/Kg
P3035-25	A4CD0	Solid	Fluoranthene	16.000		0.21	3.9	ug/Kg
P3035-25	A4CD0	Solid	Indeno(1,2,3-cd)pyrene	4.700		0.61	3.9	ug/Kg
P3035-25	A4CD0	Solid	Phenanthrene	6.000		0.21	3.9	ug/Kg
P3035-25	A4CD0	Solid	Pyrene	12.000		0.28	3.9	ug/Kg
Total Svoc :				83.03				
Total Concentration:				83.03				
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	1-Methylnaphthalene	0.140		0.015	0.1	ug/L
P3084-03	E1GE2	Water	2-Methylnaphthalene	0.060	J	0.0053	0.1	ug/L
P3084-03	E1GE2	Water	Naphthalene	0.210		0.0043	0.1	ug/L
P3084-03	E1GE2	Water	Phenanthrene	0.030	J	0.0068	0.1	ug/L
Total Svoc :				0.44				
Total Concentration:				0.44				

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CB7DL								
P3087-01DL	A4CB7DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
			Total Tics :			0.00		
P3087-01DL	A4CB7DL	Solid	1-Methylnaphthalene	12.000	JD	3.3	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	2-Methylnaphthalene	16.000	JD	1.2	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Acenaphthene	65.000	D	1.2	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Acenaphthylene	49.000	D	2.1	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Anthracene	160.000	D	1.1	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Benzo(a)anthracene	530.000	ED	0.6	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Benzo(a)pyrene	310.000	D	2.1	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Benzo(b)fluoranthene	770.000	ED	3	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Benzo(g,h,i)perylene	38.000	D	4.8	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Benzo(k)fluoranthene	250.000	D	2.1	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Chrysene	590.000	ED	1.6	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Dibenzo(a,h)anthracene	91.000	D	3	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Fluoranthene	1,200.000	ED	1.2	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Fluorene	68.000	D	1.4	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Indeno(1,2,3-cd)pyrene	210.000	D	3.3	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Naphthalene	33.000	D	1.3	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Phenanthrene	860.000	ED	1.2	21	ug/Kg
P3087-01DL	A4CB7DL	Solid	Pyrene	770.000	ED	1.5	21	ug/Kg
			Total Svoc :			6,022.00		
			Total Concentration:			6,022.00		
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	1.700	J	0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Acenaphthylene	3.400	J	0.47	4.7	ug/Kg
P3087-07	A4CB4	Solid	Anthracene	5.800		0.24	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(a)anthracene	21.000		0.13	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(a)pyrene	24.000		0.46	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(b)fluoranthene	33.000		0.67	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(g,h,i)perylene	16.000		1.1	4.7	ug/Kg
P3087-07	A4CB4	Solid	Benzo(k)fluoranthene	12.000		0.46	4.7	ug/Kg
P3087-07	A4CB4	Solid	Chrysene	24.000		0.36	4.7	ug/Kg
P3087-07	A4CB4	Solid	Dibenzo(a,h)anthracene	4.100	J	0.67	4.7	ug/Kg
P3087-07	A4CB4	Solid	Fluoranthene	54.000		0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Fluorene	2.200	J	0.32	4.7	ug/Kg
P3087-07	A4CB4	Solid	Indeno(1,2,3-cd)pyrene	13.000		0.74	4.7	ug/Kg
P3087-07	A4CB4	Solid	Naphthalene	1.800	J	0.29	4.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-07	A4CB4	Solid	Phenanthrene	30.000		0.26	4.7	ug/Kg
P3087-07	A4CB4	Solid	Pyrene	42.000		0.34	4.7	ug/Kg
Total Svoc :				288.00				
Total Concentration:				288.00				
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	2.200	J	0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Acenaphthylene	3.700	J	0.84	8.4	ug/Kg
P3087-13	A4BP1	Solid	Anthracene	6.800	J	0.43	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(a)anthracene	29.000		0.24	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(a)pyrene	33.000		0.81	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(b)fluoranthene	48.000		1.2	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(g,h,i)perylene	21.000		1.9	8.4	ug/Kg
P3087-13	A4BP1	Solid	Benzo(k)fluoranthene	15.000		0.81	8.4	ug/Kg
P3087-13	A4BP1	Solid	Chrysene	33.000		0.63	8.4	ug/Kg
P3087-13	A4BP1	Solid	Dibenzo(a,h)anthracene	5.400	J	1.2	8.4	ug/Kg
P3087-13	A4BP1	Solid	Fluoranthene	79.000		0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Fluorene	2.300	J	0.56	8.4	ug/Kg
P3087-13	A4BP1	Solid	Indeno(1,2,3-cd)pyrene	17.000		1.3	8.4	ug/Kg
P3087-13	A4BP1	Solid	Naphthalene	3.000	J	0.51	8.4	ug/Kg
P3087-13	A4BP1	Solid	Phenanthrene	43.000		0.46	8.4	ug/Kg
P3087-13	A4BP1	Solid	Pyrene	63.000		0.61	8.4	ug/Kg
Total Svoc :				404.40				
Total Concentration:				404.40				
Client ID : A4BR0								
P3087-15	A4BR0	Solid	Total Alkanes	*	0.000	1.3	10	ug/Kg
Total Tics :				0.00				
P3087-15	A4BR0	Solid	2-Methylnaphthalene	1.700	J	0.28	4.9	ug/Kg
P3087-15	A4BR0	Solid	Acenaphthene	1.300	J	0.27	4.9	ug/Kg
P3087-15	A4BR0	Solid	Acenaphthylene	4.100	J	0.49	4.9	ug/Kg
P3087-15	A4BR0	Solid	Anthracene	4.800	J	0.25	4.9	ug/Kg
P3087-15	A4BR0	Solid	Benzo(a)anthracene	22.000		0.14	4.9	ug/Kg
P3087-15	A4BR0	Solid	Benzo(a)pyrene	25.000		0.48	4.9	ug/Kg
P3087-15	A4BR0	Solid	Benzo(b)fluoranthene	33.000		0.7	4.9	ug/Kg
P3087-15	A4BR0	Solid	Benzo(g,h,i)perylene	16.000		1.1	4.9	ug/Kg
P3087-15	A4BR0	Solid	Benzo(k)fluoranthene	11.000		0.48	4.9	ug/Kg
P3087-15	A4BR0	Solid	Chrysene	24.000		0.37	4.9	ug/Kg
P3087-15	A4BR0	Solid	Dibenzo(a,h)anthracene	4.200	J	0.7	4.9	ug/Kg
P3087-15	A4BR0	Solid	Fluoranthene	55.000		0.27	4.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-15	A4BR0	Solid	Fluorene	2.000	J	0.33	4.9	ug/Kg
P3087-15	A4BR0	Solid	Indeno(1,2,3-cd)pyrene	13.000		0.78	4.9	ug/Kg
P3087-15	A4BR0	Solid	Naphthalene	3.300	J	0.3	4.9	ug/Kg
P3087-15	A4BR0	Solid	Phenanthrene	20.000		0.27	4.9	ug/Kg
P3087-15	A4BR0	Solid	Pyrene	51.000		0.36	4.9	ug/Kg
Total Svoc :				291.40				
Total Concentration:				291.40				
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	4.400	J	0.61	6.1	ug/Kg
P3087-17	A4BR2	Solid	Anthracene	6.400		0.31	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(a)anthracene	24.000		0.17	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(a)pyrene	27.000		0.59	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(b)fluoranthene	38.000		0.87	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(g,h,i)perylene	19.000		1.4	6.1	ug/Kg
P3087-17	A4BR2	Solid	Benzo(k)fluoranthene	13.000		0.59	6.1	ug/Kg
P3087-17	A4BR2	Solid	Chrysene	26.000		0.46	6.1	ug/Kg
P3087-17	A4BR2	Solid	Dibenzo(a,h)anthracene	4.700	J	0.87	6.1	ug/Kg
P3087-17	A4BR2	Solid	Fluoranthene	56.000		0.33	6.1	ug/Kg
P3087-17	A4BR2	Solid	Fluorene	2.700	J	0.41	6.1	ug/Kg
P3087-17	A4BR2	Solid	Indeno(1,2,3-cd)pyrene	15.000		0.96	6.1	ug/Kg
P3087-17	A4BR2	Solid	Naphthalene	3.100	J	0.37	6.1	ug/Kg
P3087-17	A4BR2	Solid	Phenanthrene	20.000		0.33	6.1	ug/Kg
P3087-17	A4BR2	Solid	Pyrene	49.000		0.44	6.1	ug/Kg
Total Svoc :				312.10				
Total Concentration:				312.10				
Client ID :	A4BR3DL							
P3087-18DL	A4BR3DL	Solid	Total Alkanes	*	0.000	D 6.8	51	ug/Kg
Total Tics :				0.00				
P3087-18DL	A4BR3DL	Solid	1-Methylnaphthalene	7.600	JD	3.9	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	2-Methylnaphthalene	11.000	JD	1.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Acenaphthene	29.000	D	1.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Anthracene	41.000	D	1.3	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Benzo(a)anthracene	76.000	D	0.71	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Benzo(a)pyrene	72.000	D	2.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Benzo(b)fluoranthene	89.000	D	3.6	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Benzo(g,h,i)perylene	40.000	D	5.7	25	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-18DL	A4BR3DL	Solid	Benzo(k)fluoranthene	35.000	D	2.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Chrysene	78.000	D	1.9	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Dibenzo(a,h)anthracene	9.900	JD	3.6	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Fluoranthene	240.000	D	1.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Fluorene	27.000	D	1.7	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Indeno(1,2,3-cd)pyrene	33.000	D	3.9	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Naphthalene	20.000	JD	1.5	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Phenanthrene	260.000	D	1.4	25	ug/Kg
P3087-18DL	A4BR3DL	Solid	Pyrene	190.000	D	1.8	25	ug/Kg
Total Svoc :				1,258.50				
Total Concentration:				1,258.50				
Client ID : A4BR4								
P3087-19	A4BR4	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P3087-19	A4BR4	Solid	2-Methylnaphthalene	1.600	J	0.29	5	ug/Kg
P3087-19	A4BR4	Solid	Acenaphthene	1.100	J	0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Acenaphthylene	4.300	J	0.5	5	ug/Kg
P3087-19	A4BR4	Solid	Anthracene	4.300	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	20.000		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	9.500		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	3.500	J	0.71	5	ug/Kg
P3087-19	A4BR4	Solid	Fluoranthene	30.000		0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Fluorene	1.800	J	0.33	5	ug/Kg
P3087-19	A4BR4	Solid	Indeno(1,2,3-cd)pyrene	11.000		0.79	5	ug/Kg
P3087-19	A4BR4	Solid	Naphthalene	2.800	J	0.3	5	ug/Kg
P3087-19	A4BR4	Solid	Phenanthrene	15.000		0.27	5	ug/Kg
P3087-19	A4BR4	Solid	Pyrene	29.000		0.36	5	ug/Kg
Total Svoc :				204.90				
Total Concentration:				204.90				
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	1.700	J	1	6.6	ug/Kg
P3087-20	A4BR5	Solid	2-Methylnaphthalene	2.100	J	0.38	6.6	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthene	3.800	J	0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthylene	7.200		0.66	6.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3087-20	A4BR5	Solid	Anthracene	13.000		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	28.000		1.5	6.6	ug/Kg
P3087-20	A4BR5	Solid	Benzo(k)fluoranthene	21.000		0.64	6.6	ug/Kg
P3087-20	A4BR5	Solid	Chrysene	45.000		0.5	6.6	ug/Kg
P3087-20	A4BR5	Solid	Dibenzo(a,h)anthracene	7.000		0.94	6.6	ug/Kg
P3087-20	A4BR5	Solid	Fluoranthene	93.000		0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Fluorene	4.500	J	0.44	6.6	ug/Kg
P3087-20	A4BR5	Solid	Indeno(1,2,3-cd)pyrene	23.000		1	6.6	ug/Kg
P3087-20	A4BR5	Solid	Naphthalene	4.300	J	0.4	6.6	ug/Kg
P3087-20	A4BR5	Solid	Phenanthrene	57.000		0.36	6.6	ug/Kg
P3087-20	A4BR5	Solid	Pyrene	77.000		0.48	6.6	ug/Kg
Total Svoc :				532.60				
Total Concentration:				532.60				
Client ID :	A4CC5DL							
P3088-02DL	A4CC5DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P3088-02DL	A4CC5DL	Solid	Anthracene	6.900	JD	1	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Benzo(a)anthracene	25.000	D	0.56	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Benzo(a)pyrene	30.000	D	1.9	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Benzo(b)fluoranthene	43.000	D	2.8	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Benzo(g,h,i)perylene	21.000	D	4.5	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Benzo(k)fluoranthene	15.000	JD	1.9	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Chrysene	31.000	D	1.5	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Dibenzo(a,h)anthracene	5.500	JD	2.8	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Fluoranthene	76.000	D	1.1	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Indeno(1,2,3-cd)pyrene	17.000	JD	3.2	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Phenanthrene	40.000	D	1.1	20	ug/Kg
P3088-02DL	A4CC5DL	Solid	Pyrene	60.000	D	1.5	20	ug/Kg
Total Svoc :				370.40				
Total Concentration:				370.40				
Client ID :	A4CY3DL							
P3088-11DL	A4CY3DL	Solid	Total Alkanes	*	0.000	D 8.4	63	ug/Kg
Total Tics :				0.00				
P3088-11DL	A4CY3DL	Solid	1-Methylnaphthalene	6.900	JD	4.9	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	2-Methylnaphthalene	9.100	JD	1.8	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Acenaphthene	30.000	JD	1.7	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Acenaphthylene	32.000	D	3.1	31	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-11DL	A4CY3DL	Solid	Anthracene	83.000	D	1.6	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Benzo(a)anthracene	290.000	D	0.88	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Benzo(a)pyrene	170.000	D	3	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Benzo(b)fluoranthene	410.000	D	4.4	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Benzo(g,h,i)perylene	33.000	D	7.1	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Benzo(k)fluoranthene	140.000	D	3	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Chrysene	310.000	D	2.4	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Dibenzo(a,h)anthracene	51.000	D	4.4	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Fluoranthene	660.000	ED	1.7	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Fluorene	30.000	JD	2.1	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Indeno(1,2,3-cd)pyrene	110.000	D	4.9	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Naphthalene	16.000	JD	1.9	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Phenanthrene	400.000	D	1.7	31	ug/Kg
P3088-11DL	A4CY3DL	Solid	Pyrene	440.000	D	2.3	31	ug/Kg

Total Svoc :

3,221.00

Total Concentration:

3,221.00

Client ID : A4CY5

P3088-13	A4CY5	Solid	Total Alkanes	*	0.000	1.5	12	ug/Kg
Total Tics :					0.00			
P3088-13	A4CY5	Solid	2-Methylnaphthalene		1.700	J	0.33	ug/Kg
P3088-13	A4CY5	Solid	Acenaphthene		2.800	J	0.31	ug/Kg
P3088-13	A4CY5	Solid	Acenaphthylene		3.200	J	0.57	ug/Kg
P3088-13	A4CY5	Solid	Anthracene		6.500		0.29	ug/Kg
P3088-13	A4CY5	Solid	Benzo(a)anthracene		20.000		0.16	ug/Kg
P3088-13	A4CY5	Solid	Benzo(a)pyrene		23.000		0.55	ug/Kg
P3088-13	A4CY5	Solid	Benzo(b)fluoranthene		30.000		0.81	ug/Kg
P3088-13	A4CY5	Solid	Benzo(g,h,i)perylene		14.000		1.3	ug/Kg
P3088-13	A4CY5	Solid	Benzo(k)fluoranthene		11.000		0.55	ug/Kg
P3088-13	A4CY5	Solid	Chrysene		23.000		0.43	ug/Kg
P3088-13	A4CY5	Solid	Dibenzo(a,h)anthracene		3.900	J	0.81	ug/Kg
P3088-13	A4CY5	Solid	Fluoranthene		51.000		0.31	ug/Kg
P3088-13	A4CY5	Solid	Fluorene		2.900	J	0.38	ug/Kg
P3088-13	A4CY5	Solid	Indeno(1,2,3-cd)pyrene		12.000		0.9	ug/Kg
P3088-13	A4CY5	Solid	Naphthalene		3.700	J	0.35	ug/Kg
P3088-13	A4CY5	Solid	Phenanthrene		31.000		0.31	ug/Kg
P3088-13	A4CY5	Solid	Pyrene		42.000		0.41	ug/Kg

Total Svoc :

281.70

Total Concentration:

281.70

Client ID : A4D02DL

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-14DL	A4D02DL	Solid	Total Alkanes	*	0.000	D 6.6	50	ug/Kg
Total Tics :				0.00				
P3088-14DL	A4D02DL	Solid	1-Methylnaphthalene	15.000	JD	3.9	24	ug/Kg
P3088-14DL	A4D02DL	Solid	2-Methylnaphthalene	17.000	JD	1.4	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Acenaphthene	25.000	D	1.3	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Acenaphthylene	56.000	D	2.4	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Anthracene	77.000	D	1.3	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Benzo(a)anthracene	270.000	D	0.69	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Benzo(a)pyrene	160.000	D	2.4	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Benzo(b)fluoranthene	400.000	ED	3.5	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Benzo(g,h,i)perylene	20.000	JD	5.6	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Benzo(k)fluoranthene	150.000	D	2.4	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Chrysene	320.000	D	1.9	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Dibenzo(a,h)anthracene	51.000	D	3.5	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Fluoranthene	590.000	ED	1.3	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Fluorene	33.000	D	1.6	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Indeno(1,2,3-cd)pyrene	110.000	D	3.9	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Naphthalene	21.000	JD	1.5	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Phenanthrene	360.000	D	1.3	24	ug/Kg
P3088-14DL	A4D02DL	Solid	Pyrene	390.000	D	1.8	24	ug/Kg
Total Svoc :				3,065.00				
Total Concentration:				3,065.00				
Client ID : A4D09DL								
P3088-15DL	A4D09DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P3088-15DL	A4D09DL	Solid	Acenaphthylene	15.000	JD	1.9	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Anthracene	15.000	JD	0.99	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Benzo(a)anthracene	49.000	D	0.54	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Benzo(a)pyrene	38.000	D	1.9	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Benzo(b)fluoranthene	77.000	D	2.7	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Benzo(g,h,i)perylene	20.000	D	4.4	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Benzo(k)fluoranthene	29.000	D	1.9	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Chrysene	58.000	D	1.5	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Dibenzo(a,h)anthracene	11.000	JD	2.7	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Fluoranthene	110.000	D	1	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Fluorene	4.100	JD	1.3	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Indeno(1,2,3-cd)pyrene	25.000	D	3	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Naphthalene	4.100	JD	1.2	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Phenanthrene	53.000	D	1	19	ug/Kg
P3088-15DL	A4D09DL	Solid	Pyrene	78.000	D	1.4	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	586.20				
			Total Concentration:	586.20				
Client ID :	A4D12DL							
P3088-17DL	A4D12DL	Solid	Total Alkanes	*	0.000	D 6.3	47	ug/Kg
			Total Tics :	0.00				
P3088-17DL	A4D12DL	Solid	1-Methylnaphthalene		25.000	D 3.7	23	ug/Kg
P3088-17DL	A4D12DL	Solid	2-Methylnaphthalene		33.000	D 1.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Acenaphthene		44.000	D 1.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Acenaphthylene		100.000	D 2.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Anthracene		150.000	D 1.2	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Benzo(a)anthracene		540.000	ED 0.66	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Benzo(a)pyrene		320.000	D 2.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Benzo(b)fluoranthene		840.000	ED 3.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Benzo(g,h,i)perylene		40.000	D 5.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Benzo(k)fluoranthene		280.000	D 2.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Chrysene		600.000	ED 1.8	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Dibenzo(a,h)anthracene		110.000	D 3.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Fluoranthene		1,300.000	ED 1.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Fluorene		62.000	D 1.6	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Indeno(1,2,3-cd)pyrene		230.000	D 3.7	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Naphthalene		44.000	D 1.4	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Phenanthrene		630.000	ED 1.3	23	ug/Kg
P3088-17DL	A4D12DL	Solid	Pyrene		800.000	ED 1.7	23	ug/Kg
			Total Svoc :	6,148.00				
			Total Concentration:	6,148.00				
Client ID :	A4CD1							
P3100-01	A4CD1	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :	0.00				
P3100-01	A4CD1	Solid	Benzo(a)anthracene		1.800	J 0.1	3.7	ug/Kg
P3100-01	A4CD1	Solid	Benzo(a)pyrene		2.200	J 0.35	3.7	ug/Kg
P3100-01	A4CD1	Solid	Benzo(b)fluoranthene		3.900	0.52	3.7	ug/Kg
P3100-01	A4CD1	Solid	Benzo(g,h,i)perylene		1.800	J 0.83	3.7	ug/Kg
P3100-01	A4CD1	Solid	Benzo(k)fluoranthene		1.400	J 0.35	3.7	ug/Kg
P3100-01	A4CD1	Solid	Chrysene		2.500	J 0.28	3.7	ug/Kg
P3100-01	A4CD1	Solid	Fluoranthene		5.300	0.2	3.7	ug/Kg
P3100-01	A4CD1	Solid	Indeno(1,2,3-cd)pyrene		1.500	J 0.58	3.7	ug/Kg
P3100-01	A4CD1	Solid	Phenanthrene		2.400	J 0.2	3.7	ug/Kg
P3100-01	A4CD1	Solid	Pyrene		3.800	0.27	3.7	ug/Kg
			Total Svoc :	26.60				

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				26.60				
Client ID :	A4DQ0							
P3100-04	A4DQ0	Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
Total Tics :				0.00				
P3100-04	A4DQ0	Solid	Acenaphthene		510.000	E 0.18	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Acenaphthylene		240.000	E 0.33	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Anthracene		460.000	E 0.17	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Benzo(a)anthracene		130.000	E 0.09	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Benzo(a)pyrene		38.000	0.32	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Benzo(b)fluoranthene		270.000	E 0.47	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Benzo(g,h,i)perylene		150.000	E 0.75	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Benzo(k)fluoranthene		180.000	E 0.32	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Chrysene		210.000	E 0.25	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Dibenzo(a,h)anthracene		170.000	E 0.47	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Fluoranthene		260.000	E 0.18	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Fluorene		92.000	E 0.22	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Indeno(1,2,3-cd)pyrene		170.000	E 0.52	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Naphthalene		160.000	E 0.2	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Phenanthrene		500.000	E 0.18	3.3	ug/Kg
P3100-04	A4DQ0	Solid	Pyrene		300.000	E 0.24	3.3	ug/Kg
Total Svoc :				3,840.00				
Total Concentration:				3,840.00				
Client ID :	A4DQ0DL							
P3100-04DL	A4DQ0DL	Solid	Total Alkanes	*	0.000	D 8.9	67	ug/Kg
Total Tics :				0.00				
P3100-04DL	A4DQ0DL	Solid	Acenaphthene		520.000	D 1.8	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Acenaphthylene		240.000	D 3.3	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Anthracene		480.000	D 1.7	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Benzo(a)anthracene		120.000	D 0.93	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Benzo(a)pyrene		38.000	D 3.2	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Benzo(b)fluoranthene		280.000	D 4.7	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Benzo(g,h,i)perylene		160.000	D 7.5	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Benzo(k)fluoranthene		190.000	D 3.2	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Chrysene		220.000	D 2.5	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Dibenzo(a,h)anthracene		190.000	D 4.7	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Fluoranthene		280.000	D 1.8	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Fluorene		91.000	D 2.2	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Indeno(1,2,3-cd)pyrene		180.000	D 5.2	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Naphthalene		160.000	D 2	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-04DL	A4DQ0DL	Solid	Phenanthrene	530.000	D	1.8	33	ug/Kg
P3100-04DL	A4DQ0DL	Solid	Pyrene	310.000	D	2.4	33	ug/Kg
Total Svoc :				3,989.00				
Total Concentration:				3,989.00				

Client ID : A4BW2

P3100-06	A4BW2	Solid	Total Alkanes	*	0.000	1.2	9.1	ug/Kg
Total Tics :				0.00				
P3100-06	A4BW2	Solid	2-Methylnaphthalene		1.000	J 0.26	4.5	ug/Kg
P3100-06	A4BW2	Solid	Acenaphthene		1.300	J 0.25	4.5	ug/Kg
P3100-06	A4BW2	Solid	Acenaphthylene		2.300	J 0.45	4.5	ug/Kg
P3100-06	A4BW2	Solid	Anthracene		2.600	J 0.23	4.5	ug/Kg
P3100-06	A4BW2	Solid	Benzo(a)anthracene		6.700	0.13	4.5	ug/Kg
P3100-06	A4BW2	Solid	Benzo(a)pyrene		9.000	0.44	4.5	ug/Kg
P3100-06	A4BW2	Solid	Benzo(b)fluoranthene		12.000	0.64	4.5	ug/Kg
P3100-06	A4BW2	Solid	Benzo(g,h,i)perylene		6.600	1	4.5	ug/Kg
P3100-06	A4BW2	Solid	Benzo(k)fluoranthene		4.500	0.44	4.5	ug/Kg
P3100-06	A4BW2	Solid	Chrysene		8.300	0.34	4.5	ug/Kg
P3100-06	A4BW2	Solid	Dibenzo(a,h)anthracene		1.700	J 0.64	4.5	ug/Kg
P3100-06	A4BW2	Solid	Fluoranthene		17.000	0.25	4.5	ug/Kg
P3100-06	A4BW2	Solid	Fluorene		1.100	J 0.3	4.5	ug/Kg
P3100-06	A4BW2	Solid	Indeno(1,2,3-cd)pyrene		5.400	0.71	4.5	ug/Kg
P3100-06	A4BW2	Solid	Naphthalene		2.300	J 0.27	4.5	ug/Kg
P3100-06	A4BW2	Solid	Phenanthrene		13.000	0.25	4.5	ug/Kg
P3100-06	A4BW2	Solid	Pyrene		14.000	0.33	4.5	ug/Kg
Total Svoc :				108.80				
Total Concentration:				108.80				

Client ID : A4BW4

P3100-07	A4BW4	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :				0.00				
P3100-07	A4BW4	Solid	Acenaphthylene		2.500	J 0.59	5.9	ug/Kg
P3100-07	A4BW4	Solid	Anthracene		2.800	J 0.3	5.9	ug/Kg
P3100-07	A4BW4	Solid	Benzo(a)anthracene		8.400	0.17	5.9	ug/Kg
P3100-07	A4BW4	Solid	Benzo(a)pyrene		10.000	0.57	5.9	ug/Kg
P3100-07	A4BW4	Solid	Benzo(b)fluoranthene		13.000	0.84	5.9	ug/Kg
P3100-07	A4BW4	Solid	Benzo(g,h,i)perylene		7.100	1.3	5.9	ug/Kg
P3100-07	A4BW4	Solid	Benzo(k)fluoranthene		5.500	J 0.57	5.9	ug/Kg
P3100-07	A4BW4	Solid	Chrysene		9.000	0.45	5.9	ug/Kg
P3100-07	A4BW4	Solid	Dibenzo(a,h)anthracene		1.900	J 0.84	5.9	ug/Kg
P3100-07	A4BW4	Solid	Fluoranthene		18.000	0.32	5.9	ug/Kg
P3100-07	A4BW4	Solid	Indeno(1,2,3-cd)pyrene		5.800	J 0.93	5.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-07	A4BW4	Solid	Naphthalene	1.500	J	0.36	5.9	ug/Kg
P3100-07	A4BW4	Solid	Phenanthrene	11.000		0.32	5.9	ug/Kg
P3100-07	A4BW4	Solid	Pyrene	16.000		0.43	5.9	ug/Kg
Total Svoc :				112.50				
Total Concentration:				112.50				
Client ID : A4BW6								
P3100-08	A4BW6	Solid	Total Alkanes	*	0.000	2.1	16	ug/Kg
Total Tics :				0.00				
P3100-08	A4BW6	Solid	1-Methylnaphthalene	9.800		1.2	7.9	ug/Kg
P3100-08	A4BW6	Solid	2-Methylnaphthalene	12.000		0.46	7.9	ug/Kg
P3100-08	A4BW6	Solid	Acenaphthene	47.000		0.43	7.9	ug/Kg
P3100-08	A4BW6	Solid	Acenaphthylene	28.000		0.79	7.9	ug/Kg
P3100-08	A4BW6	Solid	Anthracene	220.000	E	0.41	7.9	ug/Kg
P3100-08	A4BW6	Solid	Benzo(a)anthracene	550.000	E	0.22	7.9	ug/Kg
P3100-08	A4BW6	Solid	Benzo(a)pyrene	460.000	E	0.77	7.9	ug/Kg
P3100-08	A4BW6	Solid	Benzo(b)fluoranthene	530.000	E	1.1	7.9	ug/Kg
P3100-08	A4BW6	Solid	Benzo(g,h,i)perylene	200.000	E	1.8	7.9	ug/Kg
P3100-08	A4BW6	Solid	Benzo(k)fluoranthene	200.000	E	0.77	7.9	ug/Kg
P3100-08	A4BW6	Solid	Chrysene	460.000	E	0.6	7.9	ug/Kg
P3100-08	A4BW6	Solid	Dibenzo(a,h)anthracene	62.000		1.1	7.9	ug/Kg
P3100-08	A4BW6	Solid	Fluoranthene	1,300.000	E	0.43	7.9	ug/Kg
P3100-08	A4BW6	Solid	Fluorene	89.000		0.53	7.9	ug/Kg
P3100-08	A4BW6	Solid	Indeno(1,2,3-cd)pyrene	180.000	E	1.2	7.9	ug/Kg
P3100-08	A4BW6	Solid	Naphthalene	16.000		0.48	7.9	ug/Kg
P3100-08	A4BW6	Solid	Phenanthrene	860.000	E	0.43	7.9	ug/Kg
P3100-08	A4BW6	Solid	Pyrene	910.000	E	0.58	7.9	ug/Kg
Total Svoc :				6,133.80				
Total Concentration:				6,133.80				
Client ID : A4BW6DL								
P3100-08DL	A4BW6DL	Solid	Total Alkanes	*	0.000	D 11	80	ug/Kg
Total Tics :				0.00				
P3100-08DL	A4BW6DL	Solid	1-Methylnaphthalene	12.000	JD	6.2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	2-Methylnaphthalene	14.000	JD	2.3	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Acenaphthene	54.000	D	2.2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Acenaphthylene	35.000	JD	4	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Anthracene	250.000	D	2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Benzo(a)anthracene	580.000	D	1.1	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Benzo(a)pyrene	490.000	D	3.8	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Benzo(b)fluoranthene	560.000	D	5.6	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Benzo(g,h,i)perylene	210.000	D	9	40	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-08DL	A4BW6DL	Solid	Benzo(k)fluoranthene	230.000	D	3.8	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Chrysene	500.000	D	3	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Dibenzo(a,h)anthracene	68.000	D	5.6	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Fluoranthene	1,500.000	ED	2.2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Fluorene	99.000	D	2.6	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Indeno(1,2,3-cd)pyrene	200.000	D	6.2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Naphthalene	19.000	JD	2.4	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Phenanthrene	970.000	ED	2.2	40	ug/Kg
P3100-08DL	A4BW6DL	Solid	Pyrene	1,000.000	ED	2.9	40	ug/Kg
Total Svoc :				6,791.00				
Total Concentration:				6,791.00				
Client ID : A4BW7								
P3100-09	A4BW7	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
Total Tics :				0.00				
P3100-09	A4BW7	Solid	Acenaphthylene	1.900	J	0.44	4.4	ug/Kg
P3100-09	A4BW7	Solid	Anthracene	2.300	J	0.23	4.4	ug/Kg
P3100-09	A4BW7	Solid	Benzo(a)anthracene	7.100		0.12	4.4	ug/Kg
P3100-09	A4BW7	Solid	Benzo(a)pyrene	8.100		0.42	4.4	ug/Kg
P3100-09	A4BW7	Solid	Benzo(b)fluoranthene	10.000		0.62	4.4	ug/Kg
P3100-09	A4BW7	Solid	Benzo(g,h,i)perylene	5.300		0.99	4.4	ug/Kg
P3100-09	A4BW7	Solid	Benzo(k)fluoranthene	3.800	J	0.42	4.4	ug/Kg
P3100-09	A4BW7	Solid	Chrysene	7.400		0.33	4.4	ug/Kg
P3100-09	A4BW7	Solid	Dibenzo(a,h)anthracene	1.400	J	0.62	4.4	ug/Kg
P3100-09	A4BW7	Solid	Fluoranthene	13.000		0.24	4.4	ug/Kg
P3100-09	A4BW7	Solid	Indeno(1,2,3-cd)pyrene	4.400		0.69	4.4	ug/Kg
P3100-09	A4BW7	Solid	Naphthalene	0.930	J	0.26	4.4	ug/Kg
P3100-09	A4BW7	Solid	Phenanthrene	6.500		0.24	4.4	ug/Kg
P3100-09	A4BW7	Solid	Pyrene	11.000		0.32	4.4	ug/Kg
Total Svoc :				83.13				
Total Concentration:				83.13				
Client ID : A4BW8								
P3100-10	A4BW8	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
Total Tics :				0.00				
P3100-10	A4BW8	Solid	1-Methylnaphthalene	6.200		0.89	5.6	ug/Kg
P3100-10	A4BW8	Solid	2-Methylnaphthalene	9.400		0.32	5.6	ug/Kg
P3100-10	A4BW8	Solid	Acenaphthene	16.000		0.31	5.6	ug/Kg
P3100-10	A4BW8	Solid	Acenaphthylene	31.000		0.56	5.6	ug/Kg
P3100-10	A4BW8	Solid	Anthracene	48.000		0.29	5.6	ug/Kg
P3100-10	A4BW8	Solid	Benzo(a)anthracene	200.000	E	0.16	5.6	ug/Kg
P3100-10	A4BW8	Solid	Benzo(a)pyrene	120.000	E	0.55	5.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-10	A4BW8	Solid	Benzo(b)fluoranthene	300.000	E	0.8	5.6	ug/Kg
P3100-10	A4BW8	Solid	Benzo(g,h,i)perylene	15.000		1.3	5.6	ug/Kg
P3100-10	A4BW8	Solid	Benzo(k)fluoranthene	100.000	E	0.55	5.6	ug/Kg
P3100-10	A4BW8	Solid	Chrysene	220.000	E	0.43	5.6	ug/Kg
P3100-10	A4BW8	Solid	Dibenzo(a,h)anthracene	38.000		0.8	5.6	ug/Kg
P3100-10	A4BW8	Solid	Fluoranthene	460.000	E	0.31	5.6	ug/Kg
P3100-10	A4BW8	Solid	Fluorene	17.000		0.38	5.6	ug/Kg
P3100-10	A4BW8	Solid	Indeno(1,2,3-cd)pyrene	81.000		0.89	5.6	ug/Kg
P3100-10	A4BW8	Solid	Naphthalene	18.000		0.34	5.6	ug/Kg
P3100-10	A4BW8	Solid	Phenanthrene	210.000	E	0.31	5.6	ug/Kg
P3100-10	A4BW8	Solid	Pyrene	290.000	E	0.41	5.6	ug/Kg
Total Svoc :				2,179.60				
Total Concentration:				2,179.60				

Client ID : A4BW8DL

P3100-10DL	A4BW8DL	Solid	Total Alkanes	*	0.000	D 7.6	57	ug/Kg
Total Tics :				0.00				
P3100-10DL	A4BW8DL	Solid	1-Methylnaphthalene		8.800	JD 4.4	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	2-Methylnaphthalene		13.000	JD 1.6	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Acenaphthene		22.000	JD 1.5	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Acenaphthylene		45.000	D 2.8	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Anthracene		72.000	D 1.5	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Benzo(a)anthracene		270.000	D 0.79	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Benzo(a)pyrene		160.000	D 2.7	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Benzo(b)fluoranthene		390.000	D 4	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Benzo(g,h,i)perylene		20.000	JD 6.4	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Benzo(k)fluoranthene		150.000	D 2.7	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Chrysene		290.000	D 2.1	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Dibenzo(a,h)anthracene		51.000	D 4	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Fluoranthene		570.000	ED 1.5	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Fluorene		23.000	JD 1.9	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Indeno(1,2,3-cd)pyrene		110.000	D 4.4	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Naphthalene		25.000	JD 1.7	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Phenanthrene		310.000	D 1.5	28	ug/Kg
P3100-10DL	A4BW8DL	Solid	Pyrene		380.000	D 2	28	ug/Kg
Total Svoc :				2,909.80				
Total Concentration:				2,909.80				

Client ID : A4BY0

P3100-14	A4BY0	Solid	Total Alkanes	*	0.000	2	15	ug/Kg
Total Tics :				0.00				
P3100-14	A4BY0	Solid	1-Methylnaphthalene		1.500	J 1.1	7.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-14	A4BY0	Solid	2-Methylnaphthalene	2.300	J	0.42	7.2	ug/Kg
P3100-14	A4BY0	Solid	Acenaphthene	4.200	J	0.39	7.2	ug/Kg
P3100-14	A4BY0	Solid	Acenaphthylene	9.300		0.72	7.2	ug/Kg
P3100-14	A4BY0	Solid	Anthracene	12.000		0.37	7.2	ug/Kg
P3100-14	A4BY0	Solid	Benzo(a)anthracene	51.000		0.2	7.2	ug/Kg
P3100-14	A4BY0	Solid	Benzo(a)pyrene	38.000		0.7	7.2	ug/Kg
P3100-14	A4BY0	Solid	Benzo(b)fluoranthene	80.000		1	7.2	ug/Kg
P3100-14	A4BY0	Solid	Benzo(g,h,i)perylene	5.000	J	1.6	7.2	ug/Kg
P3100-14	A4BY0	Solid	Benzo(k)fluoranthene	32.000		0.7	7.2	ug/Kg
P3100-14	A4BY0	Solid	Chrysene	58.000		0.55	7.2	ug/Kg
P3100-14	A4BY0	Solid	Dibenzo(a,h)anthracene	12.000		1	7.2	ug/Kg
P3100-14	A4BY0	Solid	Fluoranthene	120.000	E	0.39	7.2	ug/Kg
P3100-14	A4BY0	Solid	Fluorene	4.400	J	0.48	7.2	ug/Kg
P3100-14	A4BY0	Solid	Indeno(1,2,3-cd)pyrene	26.000		1.1	7.2	ug/Kg
P3100-14	A4BY0	Solid	Naphthalene	5.200	J	0.44	7.2	ug/Kg
P3100-14	A4BY0	Solid	Phenanthrene	57.000		0.39	7.2	ug/Kg
P3100-14	A4BY0	Solid	Pyrene	80.000		0.53	7.2	ug/Kg
Total Svoc :				597.90				
Total Concentration:				597.90				

Client ID : A4D04

P3100-15	A4D04	Solid	Total Alkanes	*	0.000	2.3	17	ug/Kg
Total Tics :				0.00				
P3100-15	A4D04	Solid	1-Methylnaphthalene		1.800	J	1.3	ug/Kg
P3100-15	A4D04	Solid	2-Methylnaphthalene		2.400	J	0.49	ug/Kg
P3100-15	A4D04	Solid	Acenaphthene		6.700	J	0.46	ug/Kg
P3100-15	A4D04	Solid	Acenaphthylene		7.600	J	0.85	ug/Kg
P3100-15	A4D04	Solid	Anthracene		17.000		0.44	ug/Kg
P3100-15	A4D04	Solid	Benzo(a)anthracene		79.000		0.24	ug/Kg
P3100-15	A4D04	Solid	Benzo(a)pyrene		54.000		0.82	ug/Kg
P3100-15	A4D04	Solid	Benzo(b)fluoranthene		140.000		1.2	ug/Kg
P3100-15	A4D04	Solid	Benzo(g,h,i)perylene		16.000		1.9	ug/Kg
P3100-15	A4D04	Solid	Benzo(k)fluoranthene		48.000		0.82	ug/Kg
P3100-15	A4D04	Solid	Chrysene		96.000		0.64	ug/Kg
P3100-15	A4D04	Solid	Dibenzo(a,h)anthracene		17.000		1.2	ug/Kg
P3100-15	A4D04	Solid	Fluoranthene		220.000	E	0.46	ug/Kg
P3100-15	A4D04	Solid	Fluorene		7.300	J	0.56	ug/Kg
P3100-15	A4D04	Solid	Indeno(1,2,3-cd)pyrene		39.000		1.3	ug/Kg
P3100-15	A4D04	Solid	Naphthalene		3.800	J	0.51	ug/Kg
P3100-15	A4D04	Solid	Phenanthrene		100.000		0.46	ug/Kg
P3100-15	A4D04	Solid	Pyrene		130.000		0.61	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	985.60				
			Total Concentration:	985.60				
Client ID : A4DP2								
P3101-01	A4DP2	Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
			Total Tics :	0.00				
P3101-01	A4DP2	Solid	Acenaphthene		300.000	E 0.18	3.3	ug/Kg
P3101-01	A4DP2	Solid	Acenaphthylene		330.000	E 0.33	3.3	ug/Kg
P3101-01	A4DP2	Solid	Anthracene		120.000	E 0.17	3.3	ug/Kg
P3101-01	A4DP2	Solid	Benzo(a)anthracene		65.000	E 0.09	3.3	ug/Kg
P3101-01	A4DP2	Solid	Benzo(a)pyrene		170.000	E 0.32	3.3	ug/Kg
P3101-01	A4DP2	Solid	Benzo(b)fluoranthene		140.000	E 0.47	3.3	ug/Kg
P3101-01	A4DP2	Solid	Benzo(g,h,i)perylene		120.000	E 0.75	3.3	ug/Kg
P3101-01	A4DP2	Solid	Benzo(k)fluoranthene		120.000	E 0.32	3.3	ug/Kg
P3101-01	A4DP2	Solid	Chrysene		120.000	E 0.25	3.3	ug/Kg
P3101-01	A4DP2	Solid	Dibenzo(a,h)anthracene		110.000	E 0.47	3.3	ug/Kg
P3101-01	A4DP2	Solid	Fluoranthene		200.000	E 0.18	3.3	ug/Kg
P3101-01	A4DP2	Solid	Fluorene		180.000	E 0.22	3.3	ug/Kg
P3101-01	A4DP2	Solid	Indeno(1,2,3-cd)pyrene		140.000	E 0.52	3.3	ug/Kg
P3101-01	A4DP2	Solid	Naphthalene		370.000	E 0.2	3.3	ug/Kg
P3101-01	A4DP2	Solid	Phenanthrene		180.000	E 0.18	3.3	ug/Kg
P3101-01	A4DP2	Solid	Pyrene		220.000	E 0.24	3.3	ug/Kg
			Total Svoc :	2,885.00				
			Total Concentration:	2,885.00				
Client ID : A4DP2DL								
P3101-01DL	A4DP2DL	Solid	Total Alkanes	*	0.000	D 8.9	67	ug/Kg
			Total Tics :	0.00				
P3101-01DL	A4DP2DL	Solid	Acenaphthene		330.000	D 1.8	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Acenaphthylene		350.000	D 3.3	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Anthracene		130.000	D 1.7	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Benzo(a)anthracene		70.000	D 0.93	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Benzo(a)pyrene		180.000	D 3.2	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Benzo(b)fluoranthene		150.000	D 4.7	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Benzo(g,h,i)perylene		130.000	D 7.5	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Benzo(k)fluoranthene		120.000	D 3.2	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Chrysene		130.000	D 2.5	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Dibenzo(a,h)anthracene		130.000	D 4.7	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Fluoranthene		230.000	D 1.8	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Fluorene		190.000	D 2.2	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Indeno(1,2,3-cd)pyrene		150.000	D 5.2	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Naphthalene		400.000	D 2	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3101-01DL	A4DP2DL	Solid	Phenanthrene	190.000	D	1.8	33	ug/Kg
P3101-01DL	A4DP2DL	Solid	Pyrene	260.000	D	2.4	33	ug/Kg
Total Svoc :				3,140.00				
Total Concentration:				3,140.00				
Client ID : A4CD6								
P3101-02	A4CD6	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P3101-02	A4CD6	Solid	1-Methylnaphthalene	9.500		0.6	3.8	ug/Kg
P3101-02	A4CD6	Solid	2-Methylnaphthalene	13.000		0.22	3.8	ug/Kg
P3101-02	A4CD6	Solid	Acenaphthene	34.000		0.21	3.8	ug/Kg
P3101-02	A4CD6	Solid	Acenaphthylene	50.000		0.38	3.8	ug/Kg
P3101-02	A4CD6	Solid	Anthracene	93.000	E	0.19	3.8	ug/Kg
P3101-02	A4CD6	Solid	Benzo(a)anthracene	400.000	E	0.11	3.8	ug/Kg
P3101-02	A4CD6	Solid	Benzo(a)pyrene	240.000	E	0.37	3.8	ug/Kg
P3101-02	A4CD6	Solid	Benzo(b)fluoranthene	570.000	E	0.54	3.8	ug/Kg
P3101-02	A4CD6	Solid	Benzo(g,h,i)perylene	30.000		0.86	3.8	ug/Kg
P3101-02	A4CD6	Solid	Benzo(k)fluoranthene	190.000	E	0.37	3.8	ug/Kg
P3101-02	A4CD6	Solid	Chrysene	450.000	E	0.29	3.8	ug/Kg
P3101-02	A4CD6	Solid	Dibenzo(a,h)anthracene	66.000	E	0.54	3.8	ug/Kg
P3101-02	A4CD6	Solid	Fluoranthene	1,100.000	E	0.21	3.8	ug/Kg
P3101-02	A4CD6	Solid	Fluorene	36.000		0.25	3.8	ug/Kg
P3101-02	A4CD6	Solid	Indeno(1,2,3-cd)pyrene	160.000	E	0.6	3.8	ug/Kg
P3101-02	A4CD6	Solid	Naphthalene	18.000		0.23	3.8	ug/Kg
P3101-02	A4CD6	Solid	Pentachlorophenol	2.400	J	2.3	7.7	ug/Kg
P3101-02	A4CD6	Solid	Phenanthrene	460.000	E	0.21	3.8	ug/Kg
P3101-02	A4CD6	Solid	Pyrene	670.000	E	0.27	3.8	ug/Kg
Total Svoc :				4,591.90				
Total Concentration:				4,591.90				
Client ID : A4CD6DL								
P3101-02DL	A4CD6DL	Solid	Total Alkanes	*	0.000	D 5.1	38	ug/Kg
Total Tics :				0.00				
P3101-02DL	A4CD6DL	Solid	1-Methylnaphthalene	13.000	JD	3	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	2-Methylnaphthalene	17.000	JD	1.1	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Acenaphthene	48.000	D	1	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Acenaphthylene	80.000	D	1.9	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Anthracene	150.000	D	0.97	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Benzo(a)anthracene	540.000	ED	0.53	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Benzo(a)pyrene	350.000	ED	1.8	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Benzo(b)fluoranthene	810.000	ED	2.7	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Benzo(g,h,i)perylene	45.000	D	4.3	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3101-02DL	A4CD6DL	Solid	Benzo(k)fluoranthene	290.000	D	1.8	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Chrysene	610.000	ED	1.4	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Dibenzo(a,h)anthracene	99.000	D	2.7	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Fluoranthene	1,400.000	ED	1	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Fluorene	51.000	D	1.3	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Indeno(1,2,3-cd)pyrene	250.000	D	3	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Naphthalene	25.000	D	1.1	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Phenanthrene	700.000	ED	1	19	ug/Kg
P3101-02DL	A4CD6DL	Solid	Pyrene	900.000	ED	1.4	19	ug/Kg
Total Svoc :				6,378.00				
Total Concentration:				6,378.00				
Client ID :	H0HC2RE							
P3109-02RE	H0HC2RE	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P3109-02RE	H0HC2RE	Water	1-Methylnaphthalene		0.180	0.015	0.1	ug/L
P3109-02RE	H0HC2RE	Water	Acenaphthene		0.020	J 0.0074	0.1	ug/L
P3109-02RE	H0HC2RE	Water	Naphthalene		0.090	J 0.0043	0.1	ug/L
Total Svoc :				0.29				
Total Concentration:				0.29				
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				
Client ID :	A4D00							
P3139-01	A4D00	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
Total Tics :				0.00				
P3139-01	A4D00	Solid	1-Methylnaphthalene		7.300	0.67	4.3	ug/Kg
P3139-01	A4D00	Solid	2-Methylnaphthalene		7.900	0.24	4.3	ug/Kg
P3139-01	A4D00	Solid	Acenaphthene		6.500	0.23	4.3	ug/Kg
P3139-01	A4D00	Solid	Acenaphthylene		19.000	0.43	4.3	ug/Kg
P3139-01	A4D00	Solid	Anthracene		21.000	0.22	4.3	ug/Kg
P3139-01	A4D00	Solid	Benzo(a)anthracene		87.000	E 0.12	4.3	ug/Kg
P3139-01	A4D00	Solid	Benzo(a)pyrene		39.000	0.41	4.3	ug/Kg
P3139-01	A4D00	Solid	Benzo(b)fluoranthene		140.000	E 0.61	4.3	ug/Kg
P3139-01	A4D00	Solid	Benzo(g,h,i)perylene		5.400	0.97	4.3	ug/Kg
P3139-01	A4D00	Solid	Benzo(k)fluoranthene		51.000	0.41	4.3	ug/Kg
P3139-01	A4D00	Solid	Chrysene		110.000	E 0.32	4.3	ug/Kg
P3139-01	A4D00	Solid	Dibenzo(a,h)anthracene		18.000	0.61	4.3	ug/Kg
P3139-01	A4D00	Solid	Fluoranthene		250.000	E 0.23	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3139-01	A4D00	Solid	Fluorene	8.300		0.28	4.3	ug/Kg
P3139-01	A4D00	Solid	Indeno(1,2,3-cd)pyrene	32.000		0.67	4.3	ug/Kg
P3139-01	A4D00	Solid	Naphthalene	8.300		0.26	4.3	ug/Kg
P3139-01	A4D00	Solid	Phenanthrene	110.000	E	0.23	4.3	ug/Kg
P3139-01	A4D00	Solid	Pyrene	120.000	E	0.31	4.3	ug/Kg
Total Svoc :				1,040.70				
Total Concentration:				1,040.70				
Client ID :	A4D00DL							
P3139-01DL	A4D00DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
Total Tics :				0.00				
P3139-01DL	A4D00DL	Solid	1-Methylnaphthalene	9.200	JD	3.4	21	ug/Kg
P3139-01DL	A4D00DL	Solid	2-Methylnaphthalene	11.000	JD	1.2	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Acenaphthene	8.800	JD	1.2	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Acenaphthylene	28.000	D	2.1	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Anthracene	28.000	D	1.1	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Benzo(a)anthracene	110.000	D	0.6	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Benzo(a)pyrene	52.000	D	2.1	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Benzo(b)fluoranthene	180.000	D	3	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Benzo(g,h,i)perylene	6.900	JD	4.8	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Benzo(k)fluoranthene	63.000	D	2.1	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Chrysene	140.000	D	1.6	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Dibenzo(a,h)anthracene	23.000	D	3	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Fluoranthene	290.000	D	1.2	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Fluorene	12.000	JD	1.4	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Indeno(1,2,3-cd)pyrene	41.000	D	3.4	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Naphthalene	11.000	JD	1.3	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Phenanthrene	150.000	D	1.2	21	ug/Kg
P3139-01DL	A4D00DL	Solid	Pyrene	150.000	D	1.5	21	ug/Kg
Total Svoc :				1,313.90				
Total Concentration:				1,313.90				
Client ID :	A4DQ1							
P3139-04	A4DQ1	Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
Total Tics :				0.00				
P3139-04	A4DQ1	Solid	Acenaphthene	250.000	E	0.18	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Acenaphthylene	81.000	E	0.33	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Anthracene	420.000	E	0.17	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Benzo(a)anthracene	120.000	E	0.09	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Benzo(a)pyrene	45.000		0.32	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Benzo(b)fluoranthene	110.000	E	0.47	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Benzo(g,h,i)perylene	130.000	E	0.75	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3139-04	A4DQ1	Solid	Benzo(k)fluoranthene	130.000	E	0.32	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Chrysene	43.000		0.25	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Dibenzo(a,h)anthracene	160.000	E	0.47	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Fluoranthene	130.000	E	0.18	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Fluorene	120.000	E	0.22	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Indeno(1,2,3-cd)pyrene	180.000	E	0.52	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Naphthalene	240.000	E	0.2	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Phenanthrene	88.000	E	0.18	3.3	ug/Kg
P3139-04	A4DQ1	Solid	Pyrene	57.000	E	0.24	3.3	ug/Kg

Total Svoc :

2,304.00

Total Concentration:

2,304.00

Client ID : A4DQ1DL

P3139-04DL	A4DQ1DL	Solid	Total Alkanes	*	0.000	D	8.9	67	ug/Kg
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Total Tics :

0.00

P3139-04DL	A4DQ1DL	Solid	Acenaphthene		260.000	D	1.8	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Acenaphthylene		84.000	D	3.3	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Anthracene		440.000	D	1.7	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Benzo(a)anthracene		120.000	D	0.93	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Benzo(a)pyrene		48.000	D	3.2	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Benzo(b)fluoranthene		110.000	D	4.7	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Benzo(g,h,i)perylene		140.000	D	7.5	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Benzo(k)fluoranthene		140.000	D	3.2	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Chrysene		47.000	D	2.5	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Dibenzo(a,h)anthracene		170.000	D	4.7	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Fluoranthene		140.000	D	1.8	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Fluorene		120.000	D	2.2	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Indeno(1,2,3-cd)pyrene		190.000	D	5.2	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Naphthalene		250.000	D	2	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Phenanthrene		93.000	D	1.8	33	ug/Kg
P3139-04DL	A4DQ1DL	Solid	Pyrene		62.000	D	2.4	33	ug/Kg

Total Svoc :

2,414.00

Total Concentration:

2,414.00

Client ID : A4BS0

P3177-02	A4BS0	Solid	Total Alkanes	*	0.000		2.4	18	ug/Kg
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Total Tics :

0.00

P3177-02	A4BS0	Solid	1-Methylnaphthalene		3.100	J	1.4	8.7	ug/Kg
P3177-02	A4BS0	Solid	2-Methylnaphthalene		3.900	J	0.5	8.7	ug/Kg
P3177-02	A4BS0	Solid	Acenaphthene		14.000		0.48	8.7	ug/Kg
P3177-02	A4BS0	Solid	Acenaphthylene		14.000		0.87	8.7	ug/Kg
P3177-02	A4BS0	Solid	Anthracene		31.000		0.45	8.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-02	A4BS0	Solid	Benzo(a)anthracene	130.000		0.25	8.7	ug/Kg
P3177-02	A4BS0	Solid	Benzo(a)pyrene	63.000		0.85	8.7	ug/Kg
P3177-02	A4BS0	Solid	Benzo(b)fluoranthene	220.000	E	1.2	8.7	ug/Kg
P3177-02	A4BS0	Solid	Benzo(g,h,i)perylene	9.000		2	8.7	ug/Kg
P3177-02	A4BS0	Solid	Benzo(k)fluoranthene	81.000		0.85	8.7	ug/Kg
P3177-02	A4BS0	Solid	Chrysene	150.000	E	0.66	8.7	ug/Kg
P3177-02	A4BS0	Solid	Dibenzo(a,h)anthracene	26.000		1.2	8.7	ug/Kg
P3177-02	A4BS0	Solid	Fluoranthene	320.000	E	0.48	8.7	ug/Kg
P3177-02	A4BS0	Solid	Fluorene	14.000		0.58	8.7	ug/Kg
P3177-02	A4BS0	Solid	Indeno(1,2,3-cd)pyrene	50.000		1.4	8.7	ug/Kg
P3177-02	A4BS0	Solid	Naphthalene	7.500	J	0.53	8.7	ug/Kg
P3177-02	A4BS0	Solid	Phenanthrene	170.000	E	0.48	8.7	ug/Kg
P3177-02	A4BS0	Solid	Pyrene	160.000	E	0.64	8.7	ug/Kg

Total Svoc : 1,466.50

Total Concentration: 1,466.50

Client ID : A4BS0DL

P3177-02DL	A4BS0DL	Solid	Total Alkanes	*	0.000	D 12	89	ug/Kg
Total Tics :					0.00			
P3177-02DL	A4BS0DL	Solid	Acenaphthene		22.000	JD 2.4	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Acenaphthylene		20.000	JD 4.4	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Anthracene		51.000	D 2.3	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Benzo(a)anthracene		220.000	D 1.2	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Benzo(a)pyrene		100.000	D 4.2	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Benzo(b)fluoranthene		350.000	D 6.2	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Benzo(g,h,i)perylene		16.000	JD 9.9	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Benzo(k)fluoranthene		130.000	D 4.2	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Chrysene		250.000	D 3.3	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Dibenzo(a,h)anthracene		43.000	JD 6.2	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Fluoranthene		530.000	D 2.4	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Fluorene		22.000	JD 2.9	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Indeno(1,2,3-cd)pyrene		83.000	D 6.9	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Naphthalene		12.000	JD 2.7	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Phenanthrene		280.000	D 2.4	44	ug/Kg
P3177-02DL	A4BS0DL	Solid	Pyrene		270.000	D 3.2	44	ug/Kg

Total Svoc : 2,399.00

Total Concentration: 2,399.00

Client ID : A4BS2

P3177-04	A4BS2	Solid	Total Alkanes	*	0.000	1.3	10	ug/Kg
Total Tics :					0.00			
P3177-04	A4BS2	Solid	Acenaphthene		1.200	J 0.27	5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-04	A4BS2	Solid	Acenaphthylene	2.300	J	0.5	5	ug/Kg
P3177-04	A4BS2	Solid	Anthracene	3.300	J	0.26	5	ug/Kg
P3177-04	A4BS2	Solid	Benzo(a)anthracene	10.000		0.14	5	ug/Kg
P3177-04	A4BS2	Solid	Benzo(a)pyrene	12.000		0.48	5	ug/Kg
P3177-04	A4BS2	Solid	Benzo(b)fluoranthene	15.000		0.71	5	ug/Kg
P3177-04	A4BS2	Solid	Benzo(g,h,i)perylene	7.700		1.1	5	ug/Kg
P3177-04	A4BS2	Solid	Benzo(k)fluoranthene	5.400		0.48	5	ug/Kg
P3177-04	A4BS2	Solid	Chrysene	12.000		0.38	5	ug/Kg
P3177-04	A4BS2	Solid	Dibenzo(a,h)anthracene	2.500	J	0.71	5	ug/Kg
P3177-04	A4BS2	Solid	Fluoranthene	24.000		0.27	5	ug/Kg
P3177-04	A4BS2	Solid	Fluorene	1.400	J	0.33	5	ug/Kg
P3177-04	A4BS2	Solid	Indeno(1,2,3-cd)pyrene	6.700		0.78	5	ug/Kg
P3177-04	A4BS2	Solid	Naphthalene	1.900	J	0.3	5	ug/Kg
P3177-04	A4BS2	Solid	Phenanthrene	12.000		0.27	5	ug/Kg
P3177-04	A4BS2	Solid	Pyrene	20.000		0.36	5	ug/Kg

Total Svoc :

137.40

Total Concentration:

137.40

Client ID : A4BS3

P3177-05	A4BS3	Solid	Total Alkanes	*	0.000	1.9	15	ug/Kg
			Total Tics :		0.00			
P3177-05	A4BS3	Solid	1-Methylnaphthalene		7.800	1.1	7.2	ug/Kg
P3177-05	A4BS3	Solid	2-Methylnaphthalene		11.000	0.41	7.2	ug/Kg
P3177-05	A4BS3	Solid	Acenaphthene		44.000	0.39	7.2	ug/Kg
P3177-05	A4BS3	Solid	Acenaphthylene		6.800	J 0.72	7.2	ug/Kg
P3177-05	A4BS3	Solid	Anthracene		60.000	0.37	7.2	ug/Kg
P3177-05	A4BS3	Solid	Benzo(a)anthracene		140.000	E 0.2	7.2	ug/Kg
P3177-05	A4BS3	Solid	Benzo(a)pyrene		57.000	0.7	7.2	ug/Kg
P3177-05	A4BS3	Solid	Benzo(b)fluoranthene		180.000	E 1	7.2	ug/Kg
P3177-05	A4BS3	Solid	Benzo(g,h,i)perylene		6.700	J 1.6	7.2	ug/Kg
P3177-05	A4BS3	Solid	Benzo(k)fluoranthene		56.000	0.7	7.2	ug/Kg
P3177-05	A4BS3	Solid	Chrysene		130.000	E 0.55	7.2	ug/Kg
P3177-05	A4BS3	Solid	Dibenzo(a,h)anthracene		21.000	1	7.2	ug/Kg
P3177-05	A4BS3	Solid	Fluoranthene		370.000	E 0.39	7.2	ug/Kg
P3177-05	A4BS3	Solid	Fluorene		38.000	0.48	7.2	ug/Kg
P3177-05	A4BS3	Solid	Indeno(1,2,3-cd)pyrene		38.000	1.1	7.2	ug/Kg
P3177-05	A4BS3	Solid	Naphthalene		24.000	0.44	7.2	ug/Kg
P3177-05	A4BS3	Solid	Phenanthrene		280.000	E 0.39	7.2	ug/Kg
P3177-05	A4BS3	Solid	Pyrene		180.000	E 0.52	7.2	ug/Kg

Total Svoc :

1,650.30

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	1,650.30				
Client ID :	A4BS3DL							
P3177-05DL	A4BS3DL	Solid	Total Alkanes	*	0.000	D 9.7	73	ug/Kg
			Total Tics :	0.00				
P3177-05DL	A4BS3DL	Solid	1-Methylnaphthalene		12.000	JD 5.7	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	2-Methylnaphthalene		18.000	JD 2.1	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Acenaphthene		71.000	D 2	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Acenaphthylene		13.000	JD 3.6	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Anthracene		100.000	D 1.9	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Benzo(a)anthracene		220.000	D 1	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Benzo(a)pyrene		92.000	D 3.5	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Benzo(b)fluoranthene		270.000	D 5.1	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Benzo(g,h,i)perylene		11.000	JD 8.2	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Benzo(k)fluoranthene		110.000	D 3.5	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Chrysene		220.000	D 2.7	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Dibenzo(a,h)anthracene		33.000	JD 5.1	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Fluoranthene		520.000	D 2	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Fluorene		62.000	D 2.4	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Indeno(1,2,3-cd)pyrene		60.000	D 5.7	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Naphthalene		39.000	D 2.2	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Phenanthrene		460.000	D 2	36	ug/Kg
P3177-05DL	A4BS3DL	Solid	Pyrene		280.000	D 2.6	36	ug/Kg
			Total Svoc :	2,591.00				
			Total Concentration:	2,591.00				
Client ID :	A4BS4							
P3177-06	A4BS4	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
			Total Tics :	0.00				
P3177-06	A4BS4	Solid	1-Methylnaphthalene		1.600	J 0.79	5	ug/Kg
P3177-06	A4BS4	Solid	2-Methylnaphthalene		1.700	J 0.29	5	ug/Kg
P3177-06	A4BS4	Solid	Acenaphthene		6.900	0.27	5	ug/Kg
P3177-06	A4BS4	Solid	Acenaphthylene		2.200	J 0.5	5	ug/Kg
P3177-06	A4BS4	Solid	Anthracene		14.000	0.26	5	ug/Kg
P3177-06	A4BS4	Solid	Benzo(a)anthracene		24.000	0.14	5	ug/Kg
P3177-06	A4BS4	Solid	Benzo(a)pyrene		23.000	0.49	5	ug/Kg
P3177-06	A4BS4	Solid	Benzo(b)fluoranthene		28.000	0.72	5	ug/Kg
P3177-06	A4BS4	Solid	Benzo(g,h,i)perylene		13.000	1.1	5	ug/Kg
P3177-06	A4BS4	Solid	Benzo(k)fluoranthene		9.700	0.49	5	ug/Kg
P3177-06	A4BS4	Solid	Chrysene		23.000	0.38	5	ug/Kg
P3177-06	A4BS4	Solid	Dibenzo(a,h)anthracene		3.600	J 0.72	5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-06	A4BS4	Solid	Fluoranthene	61.000		0.27	5	ug/Kg
P3177-06	A4BS4	Solid	Fluorene	6.900		0.34	5	ug/Kg
P3177-06	A4BS4	Solid	Indeno(1,2,3-cd)pyrene	11.000		0.79	5	ug/Kg
P3177-06	A4BS4	Solid	Naphthalene	2.000	J	0.31	5	ug/Kg
P3177-06	A4BS4	Solid	Phenanthrene	56.000		0.27	5	ug/Kg
P3177-06	A4BS4	Solid	Pyrene	49.000		0.37	5	ug/Kg
Total Svoc :				336.60				
Total Concentration:				336.60				
Client ID : A4BS5								
P3177-07	A4BS5	Solid	Total Alkanes	*	0.000	1.8	14	ug/Kg
Total Tics :				0.00				
P3177-07	A4BS5	Solid	1-Methylnaphthalene	3.100	J	1.1	6.8	ug/Kg
P3177-07	A4BS5	Solid	2-Methylnaphthalene	3.700	J	0.39	6.8	ug/Kg
P3177-07	A4BS5	Solid	Acenaphthene	17.000		0.37	6.8	ug/Kg
P3177-07	A4BS5	Solid	Acenaphthylene	9.000		0.68	6.8	ug/Kg
P3177-07	A4BS5	Solid	Anthracene	34.000		0.35	6.8	ug/Kg
P3177-07	A4BS5	Solid	Benzo(a)anthracene	120.000	E	0.19	6.8	ug/Kg
P3177-07	A4BS5	Solid	Benzo(a)pyrene	61.000		0.66	6.8	ug/Kg
P3177-07	A4BS5	Solid	Benzo(b)fluoranthene	180.000	E	0.97	6.8	ug/Kg
P3177-07	A4BS5	Solid	Benzo(g,h,i)perylene	7.800		1.6	6.8	ug/Kg
P3177-07	A4BS5	Solid	Benzo(k)fluoranthene	68.000		0.66	6.8	ug/Kg
P3177-07	A4BS5	Solid	Chrysene	130.000	E	0.52	6.8	ug/Kg
P3177-07	A4BS5	Solid	Dibenzo(a,h)anthracene	23.000		0.97	6.8	ug/Kg
P3177-07	A4BS5	Solid	Fluoranthene	280.000	E	0.37	6.8	ug/Kg
P3177-07	A4BS5	Solid	Fluorene	17.000		0.46	6.8	ug/Kg
P3177-07	A4BS5	Solid	Indeno(1,2,3-cd)pyrene	44.000		1.1	6.8	ug/Kg
P3177-07	A4BS5	Solid	Naphthalene	7.000		0.41	6.8	ug/Kg
P3177-07	A4BS5	Solid	Phenanthrene	160.000	E	0.37	6.8	ug/Kg
P3177-07	A4BS5	Solid	Pyrene	150.000	E	0.5	6.8	ug/Kg
Total Svoc :				1,314.60				
Total Concentration:				1,314.60				
Client ID : A4BS5DL								
P3177-07DL	A4BS5DL	Solid	Total Alkanes	*	0.000	D 9.2	69	ug/Kg
Total Tics :				0.00				
P3177-07DL	A4BS5DL	Solid	Acenaphthene	28.000	JD	1.9	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Acenaphthylene	15.000	JD	3.4	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Anthracene	58.000	D	1.8	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Benzo(a)anthracene	200.000	D	0.96	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Benzo(a)pyrene	100.000	D	3.3	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Benzo(b)fluoranthene	310.000	D	4.9	34	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-07DL	A4BS5DL	Solid	Benzo(g,h,i)perylene	15.000	JD	7.8	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Benzo(k)fluoranthene	110.000	D	3.3	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Chrysene	220.000	D	2.6	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Dibenzo(a,h)anthracene	38.000	D	4.9	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Fluoranthene	480.000	D	1.9	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Fluorene	29.000	JD	2.3	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Indeno(1,2,3-cd)pyrene	74.000	D	5.4	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Naphthalene	12.000	JD	2.1	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Phenanthrene	270.000	D	1.9	34	ug/Kg
P3177-07DL	A4BS5DL	Solid	Pyrene	260.000	D	2.5	34	ug/Kg
Total Svoc :				2,219.00				
Total Concentration:				2,219.00				
Client ID :	A4BS6							
P3177-08	A4BS6	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P3177-08	A4BS6	Solid	2-Methylnaphthalene	1.300	J	0.3	5.1	ug/Kg
P3177-08	A4BS6	Solid	Acenaphthene	1.800	J	0.28	5.1	ug/Kg
P3177-08	A4BS6	Solid	Acenaphthylene	2.900	J	0.51	5.1	ug/Kg
P3177-08	A4BS6	Solid	Anthracene	5.300		0.26	5.1	ug/Kg
P3177-08	A4BS6	Solid	Benzo(a)anthracene	19.000		0.14	5.1	ug/Kg
P3177-08	A4BS6	Solid	Benzo(a)pyrene	21.000		0.5	5.1	ug/Kg
P3177-08	A4BS6	Solid	Benzo(b)fluoranthene	27.000		0.73	5.1	ug/Kg
P3177-08	A4BS6	Solid	Benzo(g,h,i)perylene	14.000		1.2	5.1	ug/Kg
P3177-08	A4BS6	Solid	Benzo(k)fluoranthene	10.000		0.5	5.1	ug/Kg
P3177-08	A4BS6	Solid	Chrysene	19.000		0.39	5.1	ug/Kg
P3177-08	A4BS6	Solid	Dibenzo(a,h)anthracene	3.400	J	0.73	5.1	ug/Kg
P3177-08	A4BS6	Solid	Fluoranthene	44.000		0.28	5.1	ug/Kg
P3177-08	A4BS6	Solid	Fluorene	2.100	J	0.34	5.1	ug/Kg
P3177-08	A4BS6	Solid	Indeno(1,2,3-cd)pyrene	11.000		0.81	5.1	ug/Kg
P3177-08	A4BS6	Solid	Naphthalene	1.900	J	0.31	5.1	ug/Kg
P3177-08	A4BS6	Solid	Phenanthrene	19.000		0.28	5.1	ug/Kg
P3177-08	A4BS6	Solid	Pyrene	38.000		0.37	5.1	ug/Kg
Total Svoc :				240.70				
Total Concentration:				240.70				
Client ID :	A4BX4							
P3177-11	A4BX4	Solid	Total Alkanes	*	0.000	1.7	13	ug/Kg
Total Tics :				0.00				
P3177-11	A4BX4	Solid	1-Methylnaphthalene	2.200	J	1	6.4	ug/Kg
P3177-11	A4BX4	Solid	2-Methylnaphthalene	3.100	J	0.37	6.4	ug/Kg
P3177-11	A4BX4	Solid	Acenaphthene	5.800	J	0.35	6.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-11	A4BX4	Solid	Acenaphthylene	8.500		0.64	6.4	ug/Kg
P3177-11	A4BX4	Solid	Anthracene	12.000		0.33	6.4	ug/Kg
P3177-11	A4BX4	Solid	Benzo(a)anthracene	42.000		0.18	6.4	ug/Kg
P3177-11	A4BX4	Solid	Benzo(a)pyrene	58.000		0.62	6.4	ug/Kg
P3177-11	A4BX4	Solid	Benzo(b)fluoranthene	71.000		0.91	6.4	ug/Kg
P3177-11	A4BX4	Solid	Benzo(g,h,i)perylene	45.000		1.4	6.4	ug/Kg
P3177-11	A4BX4	Solid	Benzo(k)fluoranthene	23.000		0.62	6.4	ug/Kg
P3177-11	A4BX4	Solid	Chrysene	51.000		0.48	6.4	ug/Kg
P3177-11	A4BX4	Solid	Dibenzo(a,h)anthracene	10.000		0.91	6.4	ug/Kg
P3177-11	A4BX4	Solid	Fluoranthene	98.000		0.35	6.4	ug/Kg
P3177-11	A4BX4	Solid	Fluorene	5.800	J	0.42	6.4	ug/Kg
P3177-11	A4BX4	Solid	Indeno(1,2,3-cd)pyrene	32.000		1	6.4	ug/Kg
P3177-11	A4BX4	Solid	Naphthalene	5.500	J	0.39	6.4	ug/Kg
P3177-11	A4BX4	Solid	Phenanthrene	63.000		0.35	6.4	ug/Kg
P3177-11	A4BX4	Solid	Pyrene	86.000		0.46	6.4	ug/Kg

Total Svoc :

621.90

Total Concentration:

621.90

Client ID : A4BX4DL

P3177-11DL	A4BX4DL	Solid	Total Alkanes	*	0.000	D 8.6	65	ug/Kg
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Total Tics :

0.00

P3177-11DL	A4BX4DL	Solid	Acenaphthene		6.400	JD 1.7	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Acenaphthylene		12.000	JD 3.2	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Anthracene		14.000	JD 1.6	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Benzo(a)anthracene		46.000	D 0.9	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Benzo(a)pyrene		65.000	D 3.1	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Benzo(b)fluoranthene		75.000	D 4.5	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Benzo(g,h,i)perylene		50.000	D 7.2	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Benzo(k)fluoranthene		29.000	JD 3.1	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Chrysene		57.000	D 2.4	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Dibenzo(a,h)anthracene		12.000	JD 4.5	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Fluoranthene		100.000	D 1.7	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Fluorene		6.400	JD 2.1	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Indeno(1,2,3-cd)pyrene		36.000	D 5	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Phenanthrene		69.000	D 1.7	32	ug/Kg
P3177-11DL	A4BX4DL	Solid	Pyrene		96.000	D 2.3	32	ug/Kg

Total Svoc :

673.80

Total Concentration:

673.80

Client ID : A4BX5

P3177-12	A4BX5	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
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Total Tics :

0.00

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-12	A4BX5	Solid	1-Methylnaphthalene	35.000		0.66	4.2	ug/Kg
P3177-12	A4BX5	Solid	2-Methylnaphthalene	42.000		0.24	4.2	ug/Kg
P3177-12	A4BX5	Solid	Acenaphthene	140.000	E	0.23	4.2	ug/Kg
P3177-12	A4BX5	Solid	Acenaphthylene	9.900		0.42	4.2	ug/Kg
P3177-12	A4BX5	Solid	Anthracene	85.000	E	0.22	4.2	ug/Kg
P3177-12	A4BX5	Solid	Benzo(a)anthracene	170.000	E	0.12	4.2	ug/Kg
P3177-12	A4BX5	Solid	Benzo(a)pyrene	160.000	E	0.41	4.2	ug/Kg
P3177-12	A4BX5	Solid	Benzo(b)fluoranthene	210.000	E	0.6	4.2	ug/Kg
P3177-12	A4BX5	Solid	Benzo(g,h,i)perylene	85.000	E	0.96	4.2	ug/Kg
P3177-12	A4BX5	Solid	Benzo(k)fluoranthene	67.000		0.41	4.2	ug/Kg
P3177-12	A4BX5	Solid	Chrysene	170.000	E	0.32	4.2	ug/Kg
P3177-12	A4BX5	Solid	Dibenzo(a,h)anthracene	22.000		0.6	4.2	ug/Kg
P3177-12	A4BX5	Solid	Fluoranthene	580.000	E	0.23	4.2	ug/Kg
P3177-12	A4BX5	Solid	Fluorene	100.000	E	0.28	4.2	ug/Kg
P3177-12	A4BX5	Solid	Indeno(1,2,3-cd)pyrene	73.000	E	0.66	4.2	ug/Kg
P3177-12	A4BX5	Solid	Naphthalene	66.000		0.26	4.2	ug/Kg
P3177-12	A4BX5	Solid	Phenanthrene	670.000	E	0.23	4.2	ug/Kg
P3177-12	A4BX5	Solid	Pyrene	410.000	E	0.31	4.2	ug/Kg

Total Svoc :

3,094.90

Total Concentration:

3,094.90

Client ID : A4BX5DL

P3177-12DL	A4BX5DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
Total Tics :					0.00			
P3177-12DL	A4BX5DL	Solid	1-Methylnaphthalene		48.000	D 3.3	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	2-Methylnaphthalene		58.000	D 1.2	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Acenaphthene		190.000	D 1.1	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Acenaphthylene		14.000	JD 2.1	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Anthracene		120.000	D 1.1	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Benzo(a)anthracene		230.000	D 0.59	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Benzo(a)pyrene		220.000	D 2	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Benzo(b)fluoranthene		280.000	D 3	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Benzo(g,h,i)perylene		110.000	D 4.8	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Benzo(k)fluoranthene		110.000	D 2	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Chrysene		240.000	D 1.6	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Dibenzo(a,h)anthracene		28.000	D 3	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Fluoranthene		760.000	ED 1.1	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Fluorene		140.000	D 1.4	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Indeno(1,2,3-cd)pyrene		95.000	D 3.3	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Naphthalene		90.000	D 1.3	21	ug/Kg
P3177-12DL	A4BX5DL	Solid	Phenanthrene		960.000	ED 1.1	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-12DL	A4BX5DL	Solid	Pyrene	570.000	ED	1.5	21	ug/Kg
Total Svoc :				4,263.00				
Total Concentration:				4,263.00				
Client ID : A4BX6								
P3177-13	A4BX6	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P3177-13	A4BX6	Solid	1-Methylnaphthalene	2.400	J	0.66	4.2	ug/Kg
P3177-13	A4BX6	Solid	2-Methylnaphthalene	3.700	J	0.24	4.2	ug/Kg
P3177-13	A4BX6	Solid	Acenaphthene	5.300		0.23	4.2	ug/Kg
P3177-13	A4BX6	Solid	Acenaphthylene	11.000		0.42	4.2	ug/Kg
P3177-13	A4BX6	Solid	Anthracene	18.000		0.21	4.2	ug/Kg
P3177-13	A4BX6	Solid	Benzo(a)anthracene	79.000	E	0.12	4.2	ug/Kg
P3177-13	A4BX6	Solid	Benzo(a)pyrene	64.000		0.4	4.2	ug/Kg
P3177-13	A4BX6	Solid	Benzo(b)fluoranthene	120.000	E	0.59	4.2	ug/Kg
P3177-13	A4BX6	Solid	Benzo(g,h,i)perylene	9.300		0.95	4.2	ug/Kg
P3177-13	A4BX6	Solid	Benzo(k)fluoranthene	35.000		0.4	4.2	ug/Kg
P3177-13	A4BX6	Solid	Chrysene	89.000	E	0.32	4.2	ug/Kg
P3177-13	A4BX6	Solid	Dibenzo(a,h)anthracene	59.000		0.59	4.2	ug/Kg
P3177-13	A4BX6	Solid	Fluoranthene	160.000	E	0.23	4.2	ug/Kg
P3177-13	A4BX6	Solid	Fluorene	6.100		0.28	4.2	ug/Kg
P3177-13	A4BX6	Solid	Indeno(1,2,3-cd)pyrene	43.000		0.66	4.2	ug/Kg
P3177-13	A4BX6	Solid	Naphthalene	5.800		0.25	4.2	ug/Kg
P3177-13	A4BX6	Solid	Phenanthrene	78.000	E	0.23	4.2	ug/Kg
P3177-13	A4BX6	Solid	Pyrene	83.000	E	0.3	4.2	ug/Kg
Total Svoc :				871.60				
Total Concentration:				871.60				
Client ID : A4BX6DL								
P3177-13DL	A4BX6DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
Total Tics :				0.00				
P3177-13DL	A4BX6DL	Solid	2-Methylnaphthalene	5.300	JD	1.2	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Acenaphthene	8.200	JD	1.1	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Acenaphthylene	17.000	JD	2.1	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Anthracene	27.000	D	1.1	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Benzo(a)anthracene	110.000	D	0.59	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Benzo(a)pyrene	100.000	D	2	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Benzo(b)fluoranthene	180.000	D	3	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Benzo(g,h,i)perylene	12.000	JD	4.7	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Benzo(k)fluoranthene	59.000	D	2	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Chrysene	120.000	D	1.6	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Dibenzo(a,h)anthracene	90.000	D	3	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-13DL	A4BX6DL	Solid	Fluoranthene	190.000	D	1.1	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Fluorene	8.800	JD	1.4	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Indeno(1,2,3-cd)pyrene	65.000	D	3.3	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Naphthalene	8.200	JD	1.3	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Phenanthrene	110.000	D	1.1	21	ug/Kg
P3177-13DL	A4BX6DL	Solid	Pyrene	110.000	D	1.5	21	ug/Kg
Total Svoc :				1,220.50				
Total Concentration:				1,220.50				
Client ID : A4BY2								
P3177-16	A4BY2	Solid	Total Alkanes	*	0.000	1.4	10	ug/Kg
Total Tics :				0.00				
P3177-16	A4BY2	Solid	1-Methylnaphthalene	15.000		0.8	5.1	ug/Kg
P3177-16	A4BY2	Solid	2-Methylnaphthalene	21.000		0.29	5.1	ug/Kg
P3177-16	A4BY2	Solid	Acenaphthene	43.000		0.28	5.1	ug/Kg
P3177-16	A4BY2	Solid	Acenaphthylene	110.000	E	0.51	5.1	ug/Kg
P3177-16	A4BY2	Solid	Anthracene	150.000	E	0.26	5.1	ug/Kg
P3177-16	A4BY2	Solid	Benzo(a)anthracene	740.000	E	0.14	5.1	ug/Kg
P3177-16	A4BY2	Solid	Benzo(a)pyrene	300.000	E	0.49	5.1	ug/Kg
P3177-16	A4BY2	Solid	Benzo(b)fluoranthene	1,100.000	E	0.72	5.1	ug/Kg
P3177-16	A4BY2	Solid	Benzo(g,h,i)perylene	47.000		1.2	5.1	ug/Kg
P3177-16	A4BY2	Solid	Benzo(k)fluoranthene	410.000	E	0.49	5.1	ug/Kg
P3177-16	A4BY2	Solid	Chrysene	1,000.000	E	0.38	5.1	ug/Kg
P3177-16	A4BY2	Solid	Dibenzo(a,h)anthracene	130.000	E	0.72	5.1	ug/Kg
P3177-16	A4BY2	Solid	Fluoranthene	2,100.000	E	0.28	5.1	ug/Kg
P3177-16	A4BY2	Solid	Fluorene	48.000		0.34	5.1	ug/Kg
P3177-16	A4BY2	Solid	Indeno(1,2,3-cd)pyrene	260.000	E	0.8	5.1	ug/Kg
P3177-16	A4BY2	Solid	Naphthalene	32.000		0.31	5.1	ug/Kg
P3177-16	A4BY2	Solid	Pentachlorophenol	6.000	J	3.1	10	ug/Kg
P3177-16	A4BY2	Solid	Phenanthrene	720.000	E	0.28	5.1	ug/Kg
P3177-16	A4BY2	Solid	Pyrene	1,000.000	E	0.37	5.1	ug/Kg
Total Svoc :				8,232.00				
Total Concentration:				8,232.00				
Client ID : A4BY2DL								
P3177-16DL	A4BY2DL	Solid	Total Alkanes	*	0.000	D 6.8	51	ug/Kg
Total Tics :				0.00				
P3177-16DL	A4BY2DL	Solid	1-Methylnaphthalene	14.000	JD	4	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	2-Methylnaphthalene	20.000	JD	1.5	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Acenaphthene	42.000	D	1.4	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Acenaphthylene	110.000	D	2.5	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Anthracene	150.000	D	1.3	25	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-16DL	A4BY2DL	Solid	Benzo(a)anthracene	650.000	ED	0.71	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Benzo(a)pyrene	320.000	D	2.5	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Benzo(b)fluoranthene	1,200.000	ED	3.6	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Benzo(g,h,i)perylene	51.000	D	5.8	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Benzo(k)fluoranthene	430.000	ED	2.5	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Chrysene	880.000	ED	1.9	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Dibenzo(a,h)anthracene	140.000	D	3.6	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Fluoranthene	1,900.000	ED	1.4	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Fluorene	47.000	D	1.7	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Indeno(1,2,3-cd)pyrene	290.000	D	4	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Naphthalene	30.000	D	1.5	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Phenanthrene	680.000	ED	1.4	25	ug/Kg
P3177-16DL	A4BY2DL	Solid	Pyrene	960.000	ED	1.8	25	ug/Kg
Total Svoc :				7,914.00				
Total Concentration:				7,914.00				

Client ID : A4BY3

P3177-17	A4BY3	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
P3177-17	A4BY3	Solid	1-Methylnaphthalene		15.000	0.64	4.1	ug/Kg
P3177-17	A4BY3	Solid	2-Methylnaphthalene		19.000	0.23	4.1	ug/Kg
P3177-17	A4BY3	Solid	Acenaphthene		48.000	0.22	4.1	ug/Kg
P3177-17	A4BY3	Solid	Acenaphthylene		65.000	0.41	4.1	ug/Kg
P3177-17	A4BY3	Solid	Anthracene		130.000	E 0.21	4.1	ug/Kg
P3177-17	A4BY3	Solid	Benzo(a)anthracene		500.000	E 0.11	4.1	ug/Kg
P3177-17	A4BY3	Solid	Benzo(a)pyrene		190.000	E 0.39	4.1	ug/Kg
P3177-17	A4BY3	Solid	Benzo(b)fluoranthene		600.000	E 0.58	4.1	ug/Kg
P3177-17	A4BY3	Solid	Benzo(g,h,i)perylene		25.000	0.92	4.1	ug/Kg
P3177-17	A4BY3	Solid	Benzo(k)fluoranthene		220.000	E 0.39	4.1	ug/Kg
P3177-17	A4BY3	Solid	Chrysene		530.000	E 0.31	4.1	ug/Kg
P3177-17	A4BY3	Solid	Dibenzo(a,h)anthracene		73.000	E 0.58	4.1	ug/Kg
P3177-17	A4BY3	Solid	Fluoranthene		1,300.000	E 0.22	4.1	ug/Kg
P3177-17	A4BY3	Solid	Fluorene		48.000	0.27	4.1	ug/Kg
P3177-17	A4BY3	Solid	Indeno(1,2,3-cd)pyrene		140.000	E 0.64	4.1	ug/Kg
P3177-17	A4BY3	Solid	Naphthalene		34.000	0.25	4.1	ug/Kg
P3177-17	A4BY3	Solid	Phenanthrene		600.000	E 0.22	4.1	ug/Kg
P3177-17	A4BY3	Solid	Pyrene		660.000	E 0.3	4.1	ug/Kg
Total Svoc :				5,197.00				
Total Concentration:				5,197.00				

Client ID : A4BY3DL

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3177-17DL	A4BY3DL	Solid	Total Alkanes	*	0.000	D 5.5	41	ug/Kg
Total Tics :				0.00				
P3177-17DL	A4BY3DL	Solid	1-Methylnaphthalene	15.000	JD	3.2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	2-Methylnaphthalene	19.000	JD	1.2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Acenaphthene	49.000	D	1.1	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Acenaphthylene	67.000	D	2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Anthracene	130.000	D	1	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Benzo(a)anthracene	460.000	ED	0.57	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Benzo(a)pyrene	200.000	D	2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Benzo(b)fluoranthene	610.000	ED	2.9	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Benzo(g,h,i)perylene	28.000	D	4.6	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Benzo(k)fluoranthene	240.000	D	2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Chrysene	480.000	ED	1.5	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Dibenzo(a,h)anthracene	77.000	D	2.9	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Fluoranthene	1,200.000	ED	1.1	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Fluorene	49.000	D	1.4	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Indeno(1,2,3-cd)pyrene	150.000	D	3.2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Naphthalene	34.000	D	1.2	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Phenanthrene	610.000	ED	1.1	20	ug/Kg
P3177-17DL	A4BY3DL	Solid	Pyrene	640.000	ED	1.5	20	ug/Kg
Total Svoc :				5,058.00				
Total Concentration:				5,058.00				
Client ID : A4BY6								
P3177-18	A4BY6	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
Total Tics :				0.00				
P3177-18	A4BY6	Solid	2-Methylnaphthalene	1.400	J	0.34	5.9	ug/Kg
P3177-18	A4BY6	Solid	Acenaphthylene	3.100	J	0.59	5.9	ug/Kg
P3177-18	A4BY6	Solid	Anthracene	2.600	J	0.3	5.9	ug/Kg
P3177-18	A4BY6	Solid	Benzo(a)anthracene	11.000		0.17	5.9	ug/Kg
P3177-18	A4BY6	Solid	Benzo(a)pyrene	12.000		0.57	5.9	ug/Kg
P3177-18	A4BY6	Solid	Benzo(b)fluoranthene	17.000		0.84	5.9	ug/Kg
P3177-18	A4BY6	Solid	Benzo(g,h,i)perylene	8.500		1.3	5.9	ug/Kg
P3177-18	A4BY6	Solid	Benzo(k)fluoranthene	6.400		0.57	5.9	ug/Kg
P3177-18	A4BY6	Solid	Chrysene	16.000		0.45	5.9	ug/Kg
P3177-18	A4BY6	Solid	Dibenzo(a,h)anthracene	2.300	J	0.84	5.9	ug/Kg
P3177-18	A4BY6	Solid	Fluoranthene	25.000		0.32	5.9	ug/Kg
P3177-18	A4BY6	Solid	Indeno(1,2,3-cd)pyrene	6.800		0.93	5.9	ug/Kg
P3177-18	A4BY6	Solid	Naphthalene	2.400	J	0.36	5.9	ug/Kg
P3177-18	A4BY6	Solid	Phenanthrene	9.100		0.32	5.9	ug/Kg
P3177-18	A4BY6	Solid	Pyrene	25.000		0.43	5.9	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		148.60			
			Total Concentration:		148.60			



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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038

Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046501.D

Time Analyzed: 11:08

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	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	2280	7.51	5922	10.26	3816	14.15
02	A4DP2	2239	7.51	5936	10.27	3993	14.15
03	A4DP2DL	2726	7.51	7395	10.27	5007	14.15
04	A4DQ1	2525	7.51	6802	10.27	4619	14.15
05	A4DQ1DL	2876	7.51	7612	10.27	5075	14.15
06	A4DQ0	2646	7.51	7133	10.27	4908	14.15
07	A4DQ0DL	2560	7.51	6738	10.26	4494	14.15
08	SBLK915	2921	7.51	8415	10.26	5908 *	14.15
09	A4CX5	3455	7.51	9452 *	10.27	6535 *	14.15
10	A4CD0	3732	7.51	10412 *	10.26	7114 *	14.15
11	A4BR0	3165	7.51	9103	10.27	6266 *	14.15
12	A4CY5	3784	7.51	10425 *	10.27	7076 *	14.15
13	SLCS940	2726	7.51	6968	10.27	4539	14.15
14	YDZH1	2300	7.50	6457	10.26	4673	14.15
15	A4BP1	2498	7.51	6878	10.27	5041	14.15
16	A4BR2	2360	7.50	6449	10.26	4561	14.15
17	A4BR4	2192	7.51	5936	10.26	4160	14.15
18	A4BR5	2246	7.51	6056	10.26	4103	14.15
19	A4CB4	2859	7.50	7722	10.26	5252	14.15
20	A4CX8	2503	7.50	6803	10.26	4740	14.15
21	H0HC2RE	2590	7.50	7055	10.26	10025 *	14.15
22	E1GE2	2033	7.50	5446	10.26	3859	14.15
23	A4BR3DL	2721	7.50	6946	10.26	4691	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038

Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046501.D

Time Analyzed: 03:27

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	SLCS884	2571	7.50	7206	10.26	5079	14.14
25	SBLK950	2085	7.50	5347	10.26	3641	14.15
26	A4CB7DL	2553	7.50	6257	10.26	4124	14.15
27	A4CC5DL	2799	7.50	7343	10.26	4940	14.15
28	A4CY3DL	2733	7.50	6948	10.26	4549	14.14
29	A4D02DL	3010	7.50	7706	10.26	5163	14.15
30	A4D09DL	3736	7.50	9996 *	10.26	6635 *	14.14
31	A4D12DL	3605	7.50	9590 *	10.26	6743 *	14.15
32	A4CC9DL	3493	7.50	9863 *	10.26	6713 *	14.15
33	A4CD6	3428	7.50	9580 *	10.26	6701 *	14.15
34	A4CD6MS	3758	7.50	10038 *	10.26	6810 *	14.14
35	A4CD6MSD	3430	7.50	9209 *	10.26	6390 *	14.15
36	A4D00	3489	7.50	9621 *	10.26	6434 *	14.15
37	A4D00MS	4005 *	7.50	11481 *	10.26	7937 *	14.15
38	A4D00MSD	3279	7.51	9197 *	10.27	6330 *	14.15
39	SLCS915	3045	7.50	8748	10.27	5976 *	14.15
40	A4D00MS	3124	7.50	8595	10.27	5898 *	14.15
41	SBLK023	1883	7.50	5478	10.26	3788	14.15
42	A4BS0	2268	7.50	6263	10.26	4193	14.15
43	A4BS3	2721	7.50	7708	10.26	5439	14.14
44	A4BS4	2521	7.50	7211	10.26	5027	14.15
45	A4BS5	2296	7.50	6379	10.26	4289	14.15
46	A4BS6	2580	7.50	7604	10.26	5398	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038

Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046501.D

Time Analyzed: 20:05

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	A4BX5	2388	7.50	6443	10.26	4331	14.15
48	A4BX6	3118	7.50	8843	10.26	6249 *	14.15
49	A4BS2	2815	7.50	8102	10.26	5592	14.15
50	A4BS2MS	2518	7.50	7026	10.26	4691	14.15
51	A4BS2MSD	2434	7.50	6695	10.26	4472	14.15
52	A4BY6	2585	7.50	7301	10.26	5108	14.14
53	A4CD6DL	2698	7.50	7520	10.26	5264	14.14
54	A4D00DL	2586	7.50	7179	10.26	5043	14.14
55	SLCS884	2275	7.50	6227	10.26	4284	14.15
56	SLCS023	2355	7.50	6240	10.26	4254	14.14
57	SBLK887	2101	7.50	5742	10.25	3889	14.14
58	A4CD1	2861	7.50	7758	10.25	5314	14.14
59	A4CD1MS	2999	7.50	7743	10.26	4972	14.14
60	A4CD1MSD	2877	7.50	7394	10.26	4911	14.14
61	A4BW2	3018	7.50	8199	10.25	5454	14.14
62	A4BW4	3057	7.50	8617	10.25	5930 *	14.14
63	A4BW6	2696	7.50	7430	10.25	5034	14.14
64	A4BW7	3166	7.50	8642	10.26	5812	14.14
65	A4BW8	3452	7.50	9523 *	10.26	6484 *	14.14
66	A4BY0	3649	7.50	10110 *	10.25	6901 *	14.14
67	A4D04	3261	7.50	9115	10.26	5962 *	14.14
68	SLCS950	2939	7.50	7752	10.26	4893	14.14
69	SLCS887	3162	7.50	8448	10.25	5460	14.14

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 11:24

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.						
70 SLCS915	2672	7.49	7167	10.26	4569	14.14
71 SBLK044	2044	7.49	5444	10.25	3604	14.14
72 A4BS0DL	2798	7.50	7558	10.25	5124	14.14
73 A4BS3DL	2904	7.49	7522	10.26	5040	14.14
74 A4BS5DL	2850	7.50	7672	10.26	5186	14.14
75 A4BX5DL	2872	7.50	7779	10.25	5188	14.14
76 A4BX6DL	3034	7.49	8428	10.26	5680	14.14
77 A4BW6DL	3023	7.50	8344	10.25	5801	14.14
78 A4BW8DL	2988	7.50	8201	10.26	5611	14.14
79 A4BX4	2703	7.50	7447	10.25	4959	14.14
80 A4BX4DL	2355	7.49	6298	10.26	4130	14.14
81 A4BY2	2410	7.50	6369	10.26	4481	14.14
82 A4BY2DL	3116	7.50	8744	10.25	5827	14.14
83 A4BY3	3134	7.50	8860	10.26	5987 *	14.14
84 A4BY3DL	3243	7.50	8984	10.26	6045 *	14.14

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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4167 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046591.D Time Analyzed: 11:08

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	2333	7.506	6069	10.27	3981	14.15
UPPER LIMIT	4666	8.006	12138	10.765	7962	14.65
LOWER LIMIT	1166.5	7.006	3034.5	9.765	1990.5	13.65
EPA SAMPLE NO.						
01 SBLK940	2280	7.51	5922	10.26	3816	14.15
02 A4DP2	2239	7.51	5936	10.27	3993	14.15
03 A4DP2DL	2726	7.51	7395	10.27	5007	14.15
04 A4DQ1	2525	7.51	6802	10.27	4619	14.15
05 A4DQ1DL	2876	7.51	7612	10.27	5075	14.15
06 A4DQ0	2646	7.51	7133	10.27	4908	14.15
07 A4DQ0DL	2560	7.51	6738	10.26	4494	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4168 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046599.D Time Analyzed: 17:36

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	2369	7.506	6208	10.27	4183	14.15
	UPPER LIMIT	4738	8.006	12416	10.766	8366	14.65
	LOWER LIMIT	1184.5	7.006	3104	9.766	2091.5	13.65
	EPA SAMPLE NO.						
01	SBLK915	2921	7.51	8415	10.26	5908	14.15
02	A4CX5	3455	7.51	9452	10.27	6535	14.15
03	A4CD0	3732	7.51	10412	10.26	7114	14.15
04	A4BR0	3165	7.51	9103	10.27	6266	14.15
05	A4CY5	3784	7.51	10425	10.27	7076	14.15
06	SLCS940	2726	7.51	6968	10.27	4539	14.15
07	YDZH1	2300	7.50	6457	10.26	4673	14.15
08	A4BP1	2498	7.51	6878	10.27	5041	14.15
09	A4BR2	2360	7.50	6449	10.26	4561	14.15
10	A4BR4	2192	7.51	5936	10.26	4160	14.15
11	A4BR5	2246	7.51	6056	10.26	4103	14.15
12	A4CB4	2859	7.50	7722	10.26	5252	14.15
13	A4CX8	2503	7.50	6803	10.26	4740	14.15
14	H0HC2RE	2590	7.50	7055	10.26	10025 *	14.15
15	E1GE2	2033	7.50	5446	10.26	3859	14.15
16	A4BR3DL	2721	7.50	6946	10.26	4691	14.15
17	SLCS884	2571	7.50	7206	10.26	5079	14.14



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4168 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046599.D Time Analyzed: 03:27

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2369	7.506	6208	10.27	4183	14.15
UPPER LIMIT	4738	8.006	12416	10.766	8366	14.65
LOWER LIMIT	1184.5	7.006	3104	9.766	2091.5	13.65
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4169 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046617.D Time Analyzed: 05:16

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2214	7.502	5532	10.26	3615	14.15
	UPPER LIMIT	4428	8.002	11064	10.76	7230	14.646
	LOWER LIMIT	1107	7.002	2766	9.76	1807.5	13.646
	EPA SAMPLE NO.						
01	SBLK950	2085	7.50	5347	10.26	3641	14.15
02	A4CB7DL	2553	7.50	6257	10.26	4124	14.15
03	A4CC5DL	2799	7.50	7343	10.26	4940	14.15
04	A4CY3DL	2733	7.50	6948	10.26	4549	14.14
05	A4D02DL	3010	7.50	7706	10.26	5163	14.15
06	A4D09DL	3736	7.50	9996	10.26	6635	14.14
07	A4D12DL	3605	7.50	9590	10.26	6743	14.15
08	A4CC9DL	3493	7.50	9863	10.26	6713	14.15
09	A4CD6	3428	7.50	9580	10.26	6701	14.15
10	A4CD6MS	3758	7.50	10038	10.26	6810	14.14
11	A4CD6MSD	3430	7.50	9209	10.26	6390	14.15
12	A4D00	3489	7.50	9621	10.26	6434	14.15
13	A4D00MS	4005	7.50	11481 *	10.26	7937 *	14.15
14	A4D00MSD	3279	7.51	9197	10.27	6330	14.15
15	SLCS915	3045	7.50	8748	10.27	5976	14.15
16	A4D00MS	3124	7.50	8595	10.27	5898	14.15



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4169 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046617.D Time Analyzed: 14:28

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	2214	7.502	5532	10.26	3615	14.15
UPPER LIMIT	4428	8.002	11064	10.76	7230	14.646
LOWER LIMIT	1107	7.002	2766	9.76	1807.5	13.646
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4170 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046634.D Time Analyzed: 16:20

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	2627	7.501	7486	10.26	5056	14.15
	UPPER LIMIT	5254	8.001	14972	10.764	10112	14.649
	LOWER LIMIT	1313.5	7.001	3743	9.764	2528	13.649
	EPA SAMPLE NO.						
01	SBLK023	1883	7.50	5478	10.26	3788	14.15
02	A4BS0	2268	7.50	6263	10.26	4193	14.15
03	A4BS3	2721	7.50	7708	10.26	5439	14.14
04	A4BS4	2521	7.50	7211	10.26	5027	14.15
05	A4BS5	2296	7.50	6379	10.26	4289	14.15
06	A4BS6	2580	7.50	7604	10.26	5398	14.15
07	A4BX5	2388	7.50	6443	10.26	4331	14.15
08	A4BX6	3118	7.50	8843	10.26	6249	14.15
09	A4BS2	2815	7.50	8102	10.26	5592	14.15
10	A4BS2MS	2518	7.50	7026	10.26	4691	14.15
11	A4BS2MSD	2434	7.50	6695	10.26	4472	14.15
12	A4BY6	2585	7.50	7301	10.26	5108	14.14
13	A4CD6DL	2698	7.50	7520	10.26	5264	14.14
14	A4D00DL	2586	7.50	7179	10.26	5043	14.14
15	SLCS884	2275	7.50	6227	10.26	4284	14.15
16	SLCS023	2355	7.50	6240	10.26	4254	14.14



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4170 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046634.D Time Analyzed: 01:38

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	2627	7.501	7486	10.26	5056	14.15
UPPER LIMIT	5254	8.001	14972	10.764	10112	14.649
LOWER LIMIT	1313.5	7.001	3743	9.764	2528	13.649
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4171 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046651.D Time Analyzed: 03:28

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	2171	7.497	5669	10.26	3688	14.14
UPPER LIMIT	4342	7.997	11338	10.76	7376	14.641
LOWER LIMIT	1085.5	6.997	2834.5	9.76	1844	13.641
EPA SAMPLE NO.						
01 SBLK887	2101	7.50	5742	10.25	3889	14.14
02 A4CD1	2861	7.50	7758	10.25	5314	14.14
03 A4CD1MS	2999	7.50	7743	10.26	4972	14.14
04 A4CD1MSD	2877	7.50	7394	10.26	4911	14.14
05 A4BW2	3018	7.50	8199	10.25	5454	14.14
06 A4BW4	3057	7.50	8617	10.25	5930	14.14
07 A4BW6	2696	7.50	7430	10.25	5034	14.14
08 A4BW7	3166	7.50	8642	10.26	5812	14.14
09 A4BW8	3452	7.50	9523	10.26	6484	14.14
10 A4BY0	3649	7.50	10110	10.25	6901	14.14
11 A4D04	3261	7.50	9115	10.26	5962	14.14
12 SLCS950	2939	7.50	7752	10.26	4893	14.14
13 SLCS887	3162	7.50	8448	10.25	5460	14.14
14 SLCS915	2672	7.49	7167	10.26	4569	14.14

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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4172 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046666.D Time Analyzed: 13:16

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1972	7.493	5029	10.25	3194	14.14
UPPER LIMIT	3944	7.993	10058	10.753	6388	14.64
LOWER LIMIT	986	6.993	2514.5	9.753	1597	13.64
EPA SAMPLE NO.						
01 SBLK044	2044	7.49	5444	10.25	3604	14.14
02 A4BS0DL	2798	7.50	7558	10.25	5124	14.14
03 A4BS3DL	2904	7.49	7522	10.26	5040	14.14
04 A4BS5DL	2850	7.50	7672	10.26	5186	14.14
05 A4BX5DL	2872	7.50	7779	10.25	5188	14.14
06 A4BX6DL	3034	7.49	8428	10.26	5680	14.14
07 A4BW6DL	3023	7.50	8344	10.25	5801	14.14
08 A4BW8DL	2988	7.50	8201	10.26	5611	14.14
09 A4BX4	2703	7.50	7447	10.25	4959	14.14
10 A4BX4DL	2355	7.49	6298	10.26	4130	14.14
11 A4BY2	2410	7.50	6369	10.26	4481	14.14
12 A4BY2DL	3116	7.50	8744	10.25	5827	14.14
13 A4BY3	3134	7.50	8860	10.26	5987	14.14
14 A4BY3DL	3243	7.50	8984	10.26	6045	14.14

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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 11:08

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	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	8515	16.90	6652	21.11	7286	23.25
02	A4DP2	9166	16.90	8074	21.11	8685	23.25
03	A4DP2DL	11429	16.91	9183	21.11	10124	23.25
04	A4DQ1	10511	16.90	8871	21.11	9514	23.25
05	A4DQ1DL	11011	16.90	8550	21.11	9407	23.25
06	A4DQ0	10976	16.91	8904	21.11	9623	23.25
07	A4DQ0DL	10018	16.90	7917	21.11	8870	23.25
08	SBLK915	13226 *	16.90	10085	21.11	9726	23.25
09	A4CX5	14729 *	16.90	12023 *	21.11	11775	23.25
10	A4CD0	15984 *	16.90	12098 *	21.11	11463	23.25
11	A4BR0	14403 *	16.90	11016 *	21.11	10542	23.25
12	A4CY5	15974 *	16.90	12742 *	21.11	12484	23.25
13	SLCS940	10202	16.90	8428	21.11	9490	23.24
14	YDZH1	11028	16.90	9448	21.11	9375	23.24
15	A4BP1	11784	16.90	9924	21.11	10046	23.25
16	A4BR2	10564	16.90	9077	21.11	9190	23.25
17	A4BR4	9446	16.90	7913	21.11	7880	23.24
18	A4BR5	9176	16.90	7872	21.11	8358	23.24
19	A4CB4	11892	16.90	10053	21.11	10969	23.24
20	A4CX8	10698	16.90	8984	21.11	9972	23.24
21	H0HC2RE	12825 *	16.90	10455	21.11	9508	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 02:13

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	E1GE2	8320	16.90	6787	21.10	6684	23.24
23	A4BR3DL	10482	16.90	9268	21.10	10857	23.24
24	SLCS884	12519 *	16.90	9469	21.11	10631	23.24
25	SBLK950	8086	16.90	6781	21.10	7177	23.24
26	A4CB7DL	9320	16.90	9523	21.10	12028	23.24
27	A4CC5DL	10894	16.90	8870	21.10	9805	23.24
28	A4CY3DL	10070	16.90	9401	21.10	11480	23.24
29	A4D02DL	11525	16.90	10704	21.10	12527	23.24
30	A4D09DL	14314 *	16.90	11245 *	21.10	11921	23.24
31	A4D12DL	15076 *	16.90	11461 *	21.11	12616	23.24
32	A4CC9DL	14611 *	16.90	10933 *	21.11	11646	23.24
33	A4CD6	15662 *	16.90	9403	21.11	11479	23.25
34	A4CD6MS	14610 *	16.90	8621	21.11	11833	23.25
35	A4CD6MSD	13748 *	16.90	7901	21.11	11103	23.25
36	A4D00	13570 *	16.90	9038	21.11	9716	23.25
37	A4D00MS	16803 *	16.90	11269 *	21.11	12988	23.25
38	A4D00MSD	13279 *	16.90	8979	21.11	10334	23.25
39	SLCS915	12786 *	16.90	9243	21.11	10310	23.25
40	A4D00MS	12828 *	16.90	9196	21.11	10511	23.26
41	SBLK023	8466	16.90	6539	21.11	6775	23.25
42	A4BS0	9423	16.90	8287	21.11	8882	23.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 17:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	A4BS3	11871	16.90	9149	21.11	9668	23.25
44	A4BS4	11009	16.90	8714	21.11	8998	23.25
45	A4BS5	9634	16.90	8487	21.11	9100	23.25
46	A4BS6	12834 *	16.90	10014	21.11	10340	23.25
47	A4BX5	9534	16.90	7992	21.11	8345	23.25
48	A4BX6	13157 *	16.90	9292	21.11	11488	23.25
49	A4BS2	11845	16.90	8451	21.10	9023	23.24
50	A4BS2MS	10282	16.90	8022	21.10	9075	23.24
51	A4BS2MSD	10059	16.90	8619	21.10	9735	23.24
52	A4BY6	11006	16.90	8744	21.10	9293	23.24
53	A4CD6DL	11474	16.90	8488	21.10	9608	23.24
54	A4D00DL	10986	16.90	8449	21.10	9363	23.24
55	SLCS884	9590	16.90	7626	21.10	8823	23.24
56	SLCS023	9592	16.90	7865	21.10	9240	23.24
57	SBLK887	8841	16.90	7504	21.10	7594	23.24
58	A4CD1	12574 *	16.89	10597	21.10	10587	23.24
59	A4CD1MS	11173	16.90	9637	21.10	11752	23.24
60	A4CD1MSD	10890	16.89	9116	21.10	11003	23.24
61	A4BW2	12532 *	16.90	10777	21.10	11164	23.24
62	A4BW4	13718 *	16.90	11772 *	21.10	11795	23.24
63	A4BW6	11512	16.90	9163	21.10	10058	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046501.D Time Analyzed: 07:44

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.						
64	A4BW7	13124 *	16.89	11385 *	21.10	11571	23.24
65	A4BW8	15580 *	16.89	11460 *	21.10	12369	23.24
66	A4BY0	15301 *	16.90	11348 *	21.10	11871	23.24
67	A4D04	13524 *	16.89	10227	21.10	10591	23.24
68	SLCS950	10800	16.89	8846	21.11	10368	23.24
69	SLCS887	11707	16.90	9319	21.10	11232	23.24
70	SLCS915	9781	16.89	7793	21.10	9380	23.24
71	SBLK044	8032	16.89	6861	21.10	7017	23.24
72	A4BS0DL	10696	16.89	8930	21.10	10426	23.24
73	A4BS3DL	11434	16.89	11022 *	21.10	12033	23.24
74	A4BS5DL	11410	16.89	9780	21.10	10987	23.24
75	A4BX5DL	10888	16.89	9796	21.10	10985	23.24
76	A4BX6DL	12379 *	16.89	11171 *	21.10	12553	23.24
77	A4BW6DL	12928 *	16.89	10303	21.10	11187	23.24
78	A4BW8DL	12218	16.89	10467	21.10	11417	23.24
79	A4BX4	11300	16.89	9573	21.10	10591	23.24
80	A4BX4DL	8944	16.89	7644	21.10	9192	23.24
81	A4BY2	10038	16.89	6978	21.10	10095	23.24
82	A4BY2DL	12698 *	16.89	8363	21.10	9925	23.24
83	A4BY3	13102 *	16.89	8026	21.10	10628	23.24
84	A4BY3DL	12920 *	16.89	8735	21.10	10124	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4038 Date Analyzed: Jul 17 2024 12:00AM

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

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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.						

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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4167 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046591.D Time Analyzed: 11:08

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	8791	16.9	7191	21.108	7600	23.25
UPPER LIMIT	17582	17.4	14382	21.608	15200	23.75
LOWER LIMIT	4395.5	16.4	3595.5	20.608	3800	22.75
EPA SAMPLE NO.						
01 SBLK940	8515	16.90	6652	21.11	7286	23.25
02 A4DP2	9166	16.90	8074	21.11	8685	23.25
03 A4DP2DL	11429	16.91	9183	21.11	10124	23.25
04 A4DQ1	10511	16.90	8871	21.11	9514	23.25
05 A4DQ1DL	11011	16.90	8550	21.11	9407	23.25
06 A4DQ0	10976	16.91	8904	21.11	9623	23.25
07 A4DQ0DL	10018	16.90	7917	21.11	8870	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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4168 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BM046599.D Time Analyzed: 17:36

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	9210	16.901	6879	21.114	7649	23.256
	UPPER LIMIT	18420	17.401	13758	21.614	15298	23.756
	LOWER LIMIT	4605	16.401	3439.5	20.614	3824.5	22.756
	EPA SAMPLE NO.						
01	SBLK915	13226	16.90	10085	21.11	9726	23.25
02	A4CX5	14729	16.90	12023	21.11	11775	23.25
03	A4CD0	15984	16.90	12098	21.11	11463	23.25
04	A4BR0	14403	16.90	11016	21.11	10542	23.25
05	A4CY5	15974	16.90	12742	21.11	12484	23.25
06	SLCS940	10202	16.90	8428	21.11	9490	23.24
07	YDZH1	11028	16.90	9448	21.11	9375	23.24
08	A4BP1	11784	16.90	9924	21.11	10046	23.25
09	A4BR2	10564	16.90	9077	21.11	9190	23.25
10	A4BR4	9446	16.90	7913	21.11	7880	23.24
11	A4BR5	9176	16.90	7872	21.11	8358	23.24
12	A4CB4	11892	16.90	10053	21.11	10969	23.24
13	A4CX8	10698	16.90	8984	21.11	9972	23.24
14	H0HC2RE	12825	16.90	10455	21.11	9508	23.24
15	E1GE2	8320	16.90	6787	21.10	6684	23.24
16	A4BR3DL	10482	16.90	9268	21.10	10857	23.24
17	SLCS884	12519	16.90	9469	21.11	10631	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4168 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046599.D Time Analyzed: 03:27

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9210	16.901	6879	21.114	7649	23.256
UPPER LIMIT	18420	17.401	13758	21.614	15298	23.756
LOWER LIMIT	4605	16.401	3439.5	20.614	3824.5	22.756
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4169 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046617.D Time Analyzed: 05:16

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	7918	16.896	6290	21.102	7093	23.238
	UPPER LIMIT	15836	17.396	12580	21.602	14186	23.738
	LOWER LIMIT	3959	16.396	3145	20.602	3546.5	22.738
	EPA SAMPLE NO.						
01	SBLK950	8086	16.90	6781	21.10	7177	23.24
02	A4CB7DL	9320	16.90	9523	21.10	12028	23.24
03	A4CC5DL	10894	16.90	8870	21.10	9805	23.24
04	A4CY3DL	10070	16.90	9401	21.10	11480	23.24
05	A4D02DL	11525	16.90	10704	21.10	12527	23.24
06	A4D09DL	14314	16.90	11245	21.10	11921	23.24
07	A4D12DL	15076	16.90	11461	21.11	12616	23.24
08	A4CC9DL	14611	16.90	10933	21.11	11646	23.24
09	A4CD6	15662	16.90	9403	21.11	11479	23.25
10	A4CD6MS	14610	16.90	8621	21.11	11833	23.25
11	A4CD6MSD	13748	16.90	7901	21.11	11103	23.25
12	A4D00	13570	16.90	9038	21.11	9716	23.25
13	A4D00MS	16803 *	16.90	11269	21.11	12988	23.25
14	A4D00MSD	13279	16.90	8979	21.11	10334	23.25
15	SLCS915	12786	16.90	9243	21.11	10310	23.25
16	A4D00MS	12828	16.90	9196	21.11	10511	23.26

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4169 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046617.D Time Analyzed: 14:28

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	7918	16.896	6290	21.102	7093	23.238
UPPER LIMIT	15836	17.396	12580	21.602	14186	23.738
LOWER LIMIT	3959	16.396	3145	20.602	3546.5	22.738
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4170 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BM046634.D Time Analyzed: 16:20

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	10958	16.899	8236	21.111	9365	23.253
	UPPER LIMIT	21916	17.399	16472	21.611	18730	23.753
	LOWER LIMIT	5479	16.399	4118	20.611	4682.5	22.753
	EPA SAMPLE NO.						
01	SBLK023	8466	16.90	6539	21.11	6775	23.25
02	A4BS0	9423	16.90	8287	21.11	8882	23.25
03	A4BS3	11871	16.90	9149	21.11	9668	23.25
04	A4BS4	11009	16.90	8714	21.11	8998	23.25
05	A4BS5	9634	16.90	8487	21.11	9100	23.25
06	A4BS6	12834	16.90	10014	21.11	10340	23.25
07	A4BX5	9534	16.90	7992	21.11	8345	23.25
08	A4BX6	13157	16.90	9292	21.11	11488	23.25
09	A4BS2	11845	16.90	8451	21.10	9023	23.24
10	A4BS2MS	10282	16.90	8022	21.10	9075	23.24
11	A4BS2MSD	10059	16.90	8619	21.10	9735	23.24
12	A4BY6	11006	16.90	8744	21.10	9293	23.24
13	A4CD6DL	11474	16.90	8488	21.10	9608	23.24
14	A4D00DL	10986	16.90	8449	21.10	9363	23.24
15	SLCS884	9590	16.90	7626	21.10	8823	23.24
16	SLCS023	9592	16.90	7865	21.10	9240	23.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4170 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046634.D Time Analyzed: 01:38

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	10958	16.899	8236	21.111	9365	23.253
UPPER LIMIT	21916	17.399	16472	21.611	18730	23.753
LOWER LIMIT	5479	16.399	4118	20.611	4682.5	22.753
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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4171 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046651.D Time Analyzed: 03:28

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	8385	16.896	7076	21.102	8376	23.238
	UPPER LIMIT	16770	17.396	14152	21.602	16752	23.738
	LOWER LIMIT	4192.5	16.396	3538	20.602	4188	22.738
	EPA SAMPLE NO.						
01	SBLK887	8841	16.90	7504	21.10	7594	23.24
02	A4CD1	12574	16.89	10597	21.10	10587	23.24
03	A4CD1MS	11173	16.90	9637	21.10	11752	23.24
04	A4CD1MSD	10890	16.89	9116	21.10	11003	23.24
05	A4BW2	12532	16.90	10777	21.10	11164	23.24
06	A4BW4	13718	16.90	11772	21.10	11795	23.24
07	A4BW6	11512	16.90	9163	21.10	10058	23.24
08	A4BW7	13124	16.89	11385	21.10	11571	23.24
09	A4BW8	15580	16.89	11460	21.10	12369	23.24
10	A4BY0	15301	16.90	11348	21.10	11871	23.24
11	A4D04	13524	16.89	10227	21.10	10591	23.24
12	SLCS950	10800	16.89	8846	21.11	10368	23.24
13	SLCS887	11707	16.90	9319	21.10	11232	23.24
14	SLCS915	9781	16.89	7793	21.10	9380	23.24

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.: BM071524 SAS No.: BM071524 SDG NO.: BM071524

EPA Sample No.: SSTD0.4172 Date Analyzed: Jul 17 2024 12:00AM

Lab File ID: BM046666.D Time Analyzed: 13:16

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	6859	16.895	5771	21.102	7004	23.239
	UPPER LIMIT	13718	17.395	11542	21.602	14008	23.739
	LOWER LIMIT	3429.5	16.395	2885.5	20.602	3502	22.739
	EPA SAMPLE NO.						
01	SBLK044	8032	16.89	6861	21.10	7017	23.24
02	A4BS0DL	10696	16.89	8930	21.10	10426	23.24
03	A4BS3DL	11434	16.89	11022	21.10	12033	23.24
04	A4BS5DL	11410	16.89	9780	21.10	10987	23.24
05	A4BX5DL	10888	16.89	9796	21.10	10985	23.24
06	A4BX6DL	12379	16.89	11171	21.10	12553	23.24
07	A4BW6DL	12928	16.89	10303	21.10	11187	23.24
08	A4BW8DL	12218	16.89	10467	21.10	11417	23.24
09	A4BX4	11300	16.89	9573	21.10	10591	23.24
10	A4BX4DL	8944	16.89	7644	21.10	9192	23.24
11	A4BY2	10038	16.89	6978	21.10	10095	23.24
12	A4BY2DL	12698	16.89	8363	21.10	9925	23.24
13	A4BY3	13102	16.89	8026	21.10	10628	23.24
14	A4BY3DL	12920	16.89	8735	21.10	10124	23.24

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.: BM071524

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	270	ug/Kg	405				0	0		
	1,4-Dioxane	66.7	47	ug/Kg	70				0	0		
	Naphthalene	13.3	930	ug/Kg	6992				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	950	ug/Kg	7143				0	0		
	2-Methylnaphthalene	13.3	990	ug/Kg	7444				0	0		
	2-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	Acenaphthylene	13.3	12	ug/Kg	90				0	0		
	Acenaphthylene	13.3	950	ug/Kg	7143				0	0		
	Acenaphthene	13.3	950	ug/Kg	7143				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	1000	ug/Kg	7519				0	0		
	Fluorene	13.3	12	ug/Kg	90				0	0		
	Pentachlorophenol	26.7	18	ug/Kg	67				0	0		
	Pentachlorophenol	26.7	800	ug/Kg	2996				0	0		
	Phenanthrene	13.3	920	ug/Kg	6917				0	0		
	Phenanthrene	13.3	12	ug/Kg	90				0	0		
	Anthracene	13.3	12	ug/Kg	90				0	0		
	Anthracene	13.3	870	ug/Kg	6541				0	0		
	Fluoranthene	13.3	1100	ug/Kg	8271				0	0		
	Fluoranthene	13.3	13	ug/Kg	98				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	980	ug/Kg	7368				0	0		
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	940	ug/Kg	7068				0	0		
	Chrysene	13.3	890	ug/Kg	6692				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	960	ug/Kg	7218				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	910	ug/Kg	6842				0	0		
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0		
	Benzo(a)pyrene	13.3	940	ug/Kg	7068				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	810	ug/Kg	6090				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		
	Dibenzo(a,h)anthracene	13.3	800	ug/Kg	6015				0	0		
	Benzo(g,h,i)perylene	13.3	810	ug/Kg	6090				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161887BS	1,4-Dioxane	66.7	41	ug/Kg	61				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	10	ug/Kg	75				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	10	ug/Kg	75				0	0		
	Pentachlorophenol	26.7	17	ug/Kg	64				0	0		
	Phenanthrene	13.3	10	ug/Kg	75				0	0		
	Anthracene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	11	ug/Kg	83				0	0		
	Pyrene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)anthracene	13.3	10	ug/Kg	75				0	0		
	Chrysene	13.3	10	ug/Kg	75				0	0		
	Benzo(b)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	13.3	10	ug/Kg	75				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161915BS	1,4-Dioxane	66.7	45	ug/Kg	67				0	0		
	1,4-Dioxane	66.7	57	ug/Kg	85				0	0		
	Naphthalene	13.3	18	ug/Kg	135				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	18	ug/Kg	135				0	0		
	2-Methylnaphthalene	13.3	18	ug/Kg	135				0	0		
	2-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	18	ug/Kg	135				0	0		
	Acenaphthene	13.3	18	ug/Kg	135				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	17	ug/Kg	128				0	0		
	Pentachlorophenol	26.7	31	ug/Kg	116				0	0		
	Pentachlorophenol	26.7	19	ug/Kg	71				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Phenanthrene	13.3	17	ug/Kg	128				0	0		
	Anthracene	13.3	17	ug/Kg	128				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Fluoranthene	13.3	20	ug/Kg	150				0	0		
	Pyrene	13.3	19	ug/Kg	143				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)anthracene	13.3	17	ug/Kg	128				0	0		
	Chrysene	13.3	17	ug/Kg	128				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	17	ug/Kg	128				0	0		
	Benzo(k)fluoranthene	13.3	17	ug/Kg	128				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	18	ug/Kg	135				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	16	ug/Kg	120				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		
	Dibenzo(a,h)anthracene	13.3	16	ug/Kg	120				0	0		
	Benzo(g,h,i)perylene	13.3	16	ug/Kg	120				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161940BS	1,4-Dioxane	2	1.5	ug/L	75				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.39	ug/L	98				0	0		
	2-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0		
	Chrysene	0.4	0.37	ug/L	93				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161950BS	1,4-Dioxane	66.7	43	ug/Kg	64				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	11	ug/Kg	83				0	0	
	Fluorene	13.3	11	ug/Kg	83				0	0	
	Pentachlorophenol	26.7	18	ug/Kg	67				0	0	
	Phenanthrene	13.3	10	ug/Kg	75				0	0	
	Anthracene	13.3	10	ug/Kg	75				0	0	
	Fluoranthene	13.3	11	ug/Kg	83				0	0	
	Pyrene	13.3	11	ug/Kg	83				0	0	
	Benzo(a)anthracene	13.3	10	ug/Kg	75				0	0	
	Chrysene	13.3	10	ug/Kg	75				0	0	
	Benzo(b)fluoranthene	13.3	10	ug/Kg	75				0	0	
	Benzo(k)fluoranthene	13.3	10	ug/Kg	75				0	0	
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	13.3	9.9	ug/Kg	74				0	0	
	Benzo(g,h,i)perylene	13.3	9.8	ug/Kg	74				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162023BS	1,4-Dioxane	66.7	48	ug/Kg	72				0	0	
	Naphthalene	13.3	13	ug/Kg	98				0	0	
	1-Methylnaphthalene	13.3	13	ug/Kg	98				0	0	
	2-Methylnaphthalene	13.3	13	ug/Kg	98				0	0	
	Acenaphthylene	13.3	12	ug/Kg	90				0	0	
	Acenaphthene	13.3	13	ug/Kg	98				0	0	
	Fluorene	13.3	13	ug/Kg	98				0	0	
	Pentachlorophenol	26.7	21	ug/Kg	79				0	0	
	Phenanthrene	13.3	12	ug/Kg	90				0	0	
	Anthracene	13.3	12	ug/Kg	90				0	0	
	Fluoranthene	13.3	13	ug/Kg	98				0	0	
	Pyrene	13.3	13	ug/Kg	98				0	0	
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0	
	Chrysene	13.3	12	ug/Kg	90				0	0	
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0	
	Dibenzo(a,h)anthracene	13.3	12	ug/Kg	90				0	0	
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CX5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046601.D

Lab Sample ID: P3035-17

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 18:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CX5	P3035-17	BM046601.D	07/15/2024
A4CD0	P3035-25	BM046602.D	07/15/2024
A4CX8	P3035-10	BM046612.D	07/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1GE2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046614.D

Lab Sample ID: P3084-03

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/16/2024

Level: (low/med) LOW

Time Analyzed: 02:13

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	BM046614.D	07/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BR0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046603.D

Lab Sample ID: P3087-15

Instrument ID: BNA_M

Date Extracted: 07/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time 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
A4BR0	P3087-15	BM046603.D	07/15/2024
A4BP1	P3087-13	BM046607.D	07/15/2024
A4BR2	P3087-17	BM046608.D	07/15/2024
A4BR4	P3087-19	BM046609.D	07/15/2024
A4CB4	P3087-07	BM046611.D	07/16/2024
A4BR5	P3087-20	BM046610.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS884

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046616.D

Lab Sample ID: PB161884BS

Instrument ID: BNA_M

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/16/2024

Level: (low/med) LOW

Time Analyzed: 03:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161884BS	PB161884BS	BM046616.D	07/16/2024
PB161884BS	PB161884BS	BM046649.D	07/17/2024
A4CY5	P3088-13	BM046604.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK887

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524SAS No.: BM071524 SDG NO.: BM071524Lab File ID: BM046652.DLab Sample ID: PB161887BLInstrument ID: BNA_MDate Extracted: 07/02/2024Matrix: (soil/water) SolidDate Analyzed: 07/17/2024Level: (low/med) LOWTime Analyzed: 03:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BW7	P3100-09	BM046659.D	07/17/2024
A4BW8	P3100-10	BM046660.D	07/17/2024
A4BY0	P3100-14	BM046661.D	07/17/2024
A4D04	P3100-15	BM046662.D	07/17/2024
PB161887BS	PB161887BS	BM046664.D	07/17/2024
A4DQ0	P3100-04	BM046597.D	07/15/2024
A4CD1	P3100-01	BM046653.D	07/17/2024
A4CD1MS	P3100-02MS	BM046654.D	07/17/2024
A4CD1MSD	P3100-03MSD	BM046655.D	07/17/2024
A4BW2	P3100-06	BM046656.D	07/17/2024
A4BW4	P3100-07	BM046657.D	07/17/2024
A4BW6	P3100-08	BM046658.D	07/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK915

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046600.D

Lab Sample ID: PB161915BL

Instrument ID: BNA_M

Date Extracted: 07/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 17:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP2	P3101-01	BM046593.D	07/15/2024
A4CD6	P3101-02	BM046626.D	07/16/2024
A4CD6MS	P3101-03MS	BM046627.D	07/16/2024
A4CD6MSD	P3101-04MSD	BM046628.D	07/16/2024
PB161915BS	PB161915BS	BM046632.D	07/16/2024
PB161915BS	PB161915BS	BM046665.D	07/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK940

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046592.D

Lab Sample ID: PB161940BL

Instrument ID: BNA_M

Date Extracted: 07/05/2024

Matrix: (soil/water) Water

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161940BS	PB161940BS	BM046605.D	07/15/2024
YDZH1	P3137-24	BM046606.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK950

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046618.D

Lab Sample ID: PB161950BL

Instrument ID: BNA_M

Date Extracted: 07/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/16/2024

Level: (low/med) LOW

Time Analyzed: 05:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161950BS	PB161950BS	BM046663.D	07/17/2024
A4D00	P3139-01	BM046629.D	07/16/2024
A4DQ1	P3139-04	BM046595.D	07/15/2024
A4D00MS	P3139-02MS	BM046633.D	07/16/2024
A4D00MS	P3139-02MS	BM046630.D	07/16/2024
A4D00MSD	P3139-03MSD	BM046631.D	07/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK023

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046635.D

Lab Sample ID: PB162023BL

Instrument ID: BNA_M

Date Extracted: 07/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/16/2024

Level: (low/med) LOW

Time Analyzed: 16:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BS0	P3177-02	BM046636.D	07/16/2024
A4BS3	P3177-05	BM046637.D	07/16/2024
A4BS4	P3177-06	BM046638.D	07/16/2024
A4BS5	P3177-07	BM046639.D	07/16/2024
A4BS6	P3177-08	BM046640.D	07/16/2024
A4BX5	P3177-12	BM046641.D	07/16/2024
A4BX6	P3177-13	BM046642.D	07/16/2024
A4BS2	P3177-04	BM046643.D	07/16/2024
A4BS2MS	P3177-24MS	BM046644.D	07/16/2024
A4BS2MSD	P3177-25MSD	BM046645.D	07/16/2024
A4BY6	P3177-18	BM046646.D	07/16/2024
PB162023BS	PB162023BS	BM046650.D	07/17/2024
A4BX4	P3177-11	BM046675.D	07/17/2024
A4BY2	P3177-16	BM046677.D	07/17/2024
A4BY3	P3177-17	BM046679.D	07/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK044

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046667.D

Lab Sample ID: PB162044BL

Instrument ID: BNA_M

Date Extracted: 07/12/2024

Matrix: (soil/water) Water

Date Analyzed: 07/17/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3177-24MS	Client Sample ID:	A4BS2MS					DataFile:	BM046644.D		
1,4-Dioxane	100		36	ug/Kg	36				15	120	
Naphthalene	20	1.9	13	ug/Kg	56				0	0	
1-Methylnaphthalene	20		12	ug/Kg	60				0	0	
2-Methylnaphthalene	20		13	ug/Kg	65				0	0	
Acenaphthylene	20	2.3	16	ug/Kg	69				0	0	
Acenaphthene	20	1.2	14	ug/Kg	64				31	137	
Fluorene	20	1.4	14	ug/Kg	63				0	0	
Pentachlorophenol	40		19	ug/Kg	48				17	109	
Phenanthrene	20	12	26	ug/Kg	70				0	0	
Anthracene	20	3.3	17	ug/Kg	69				0	0	
Fluoranthene	20	24	43	ug/Kg	95				0	0	
Pyrene	20	20	42	ug/Kg	110				35	142	
Benzo(a)anthracene	20	10	27	ug/Kg	85				0	0	
Chrysene	20	12	29	ug/Kg	85				0	0	
Benzo(b)fluoranthene	20	15	32	ug/Kg	85				0	0	
Benzo(k)fluoranthene	20	5.4	20	ug/Kg	73				0	0	
Benzo(a)pyrene	20	12	31	ug/Kg	95				0	0	
Indeno(1,2,3-cd)pyrene	20	6.7	21	ug/Kg	72				0	0	
Dibenzo(a,h)anthracene	20	2.5	15	ug/Kg	63				0	0	
Benzo(g,h,i)perylene	20	7.7	24	ug/Kg	81				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3177-25MSD	Client Sample ID:	A4BS2MSD					DataFile:	BM046645.D		
1,4-Dioxane	100		41	ug/Kg	41		13		15	120	50
Naphthalene	20	1.9	15	ug/Kg	66		16	*	0	0	0
1-Methylnaphthalene	20		13	ug/Kg	65		8	*	0	0	0
2-Methylnaphthalene	20		14	ug/Kg	70		7	*	0	0	0
Acenaphthylene	20	2.3	18	ug/Kg	79		14	*	0	0	0
Acenaphthene	20	1.2	15	ug/Kg	69		8		31	137	19
Fluorene	20	1.4	16	ug/Kg	73		15	*	0	0	0
Pentachlorophenol	40		22	ug/Kg	55		14		17	109	47
Phenanthrene	20	12	29	ug/Kg	85		19	*	0	0	0
Anthracene	20	3.3	19	ug/Kg	79		14	*	0	0	0
Fluoranthene	20	24	46	ug/Kg	110		15	*	0	0	0
Pyrene	20	20	45	ug/Kg	125		13		35	142	36
Benzo(a)anthracene	20	10	30	ug/Kg	100		16	*	0	0	0
Chrysene	20	12	32	ug/Kg	100		16	*	0	0	0
Benzo(b)fluoranthene	20	15	35	ug/Kg	100		16	*	0	0	0
Benzo(k)fluoranthene	20	5.4	22	ug/Kg	83		13	*	0	0	0
Benzo(a)pyrene	20	12	35	ug/Kg	115		19	*	0	0	0
Indeno(1,2,3-cd)pyrene	20	6.7	23	ug/Kg	81		12	*	0	0	0
Dibenzo(a,h)anthracene	20	2.5	17	ug/Kg	73		15	*	0	0	0
Benzo(g,h,i)perylene	20	7.7	26	ug/Kg	92		13	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3100-02MS	Client Sample ID:	A4CD1MS					DataFile:	BM046654.D		
1,4-Dioxane	73.7		42	ug/Kg	57				15	120	
Naphthalene	14.7		12	ug/Kg	82				0	0	
1-Methylnaphthalene	14.7		12	ug/Kg	82				0	0	
2-Methylnaphthalene	14.7		12	ug/Kg	82				0	0	
Acenaphthylene	14.7		12	ug/Kg	82				0	0	
Acenaphthene	14.7		13	ug/Kg	88				31	137	
Fluorene	14.7		13	ug/Kg	88				0	0	
Pentachlorophenol	29.5		15	ug/Kg	51				17	109	
Phenanthrene	14.7	2.4	15	ug/Kg	86				0	0	
Anthracene	14.7		13	ug/Kg	88				0	0	
Fluoranthene	14.7	5.3	17	ug/Kg	80				0	0	
Pyrene	14.7	3.8	16	ug/Kg	83				35	142	
Benzo(a)anthracene	14.7	1.8	14	ug/Kg	83				0	0	
Chrysene	14.7	2.5	15	ug/Kg	85				0	0	
Benzo(b)fluoranthene	14.7	3.9	15	ug/Kg	76				0	0	
Benzo(k)fluoranthene	14.7	1.4	14	ug/Kg	86				0	0	
Benzo(a)pyrene	14.7	2.2	16	ug/Kg	94				0	0	
Indeno(1,2,3-cd)pyrene	14.7	1.5	14	ug/Kg	85				0	0	
Dibenzo(a,h)anthracene	14.7		13	ug/Kg	88				0	0	
Benzo(g,h,i)perylene	14.7	1.8	14	ug/Kg	83				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3100-03MSD	Client Sample ID:	A4CD1MSD					DataFile:	BM046655.D		
1,4-Dioxane	73.8		34	ug/Kg	46	21			15	120	50
Naphthalene	14.8		9.3	ug/Kg	63	26	*		0	0	0
1-Methylnaphthalene	14.8		9.1	ug/Kg	61	29	*		0	0	0
2-Methylnaphthalene	14.8		9.4	ug/Kg	64	25	*		0	0	0
Acenaphthylene	14.8		9.3	ug/Kg	63	26	*		0	0	0
Acenaphthene	14.8		9.8	ug/Kg	66	29	*		31	137	19
Fluorene	14.8		9.8	ug/Kg	66	29	*		0	0	0
Pentachlorophenol	29.5		11	ug/Kg	37	32			17	109	47
Phenanthrene	14.8	2.4	11	ug/Kg	58	39	*		0	0	0
Anthracene	14.8		9.9	ug/Kg	67	27	*		0	0	0
Fluoranthene	14.8	5.3	13	ug/Kg	52	42	*		0	0	0
Pyrene	14.8	3.8	12	ug/Kg	55	41	*		35	142	36
Benzo(a)anthracene	14.8	1.8	11	ug/Kg	62	29	*		0	0	0
Chrysene	14.8	2.5	11	ug/Kg	57	39	*		0	0	0
Benzo(b)fluoranthene	14.8	3.9	11	ug/Kg	48	45	*		0	0	0
Benzo(k)fluoranthene	14.8	1.4	11	ug/Kg	65	28	*		0	0	0
Benzo(a)pyrene	14.8	2.2	12	ug/Kg	66	35	*		0	0	0
Indeno(1,2,3-cd)pyrene	14.8	1.5	10	ug/Kg	57	39	*		0	0	0
Dibenzo(a,h)anthracene	14.8		9.7	ug/Kg	66	29	*		0	0	0
Benzo(g,h,i)perylene	14.8	1.8	10	ug/Kg	55	41	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3101-03MS	Client Sample ID:	A4CD6MS					DataFile:	BM046627.D		
1,4-Dioxane	76.5		32	ug/Kg	42				15	120	
Naphthalene	15.3	18	28	ug/Kg	65				0	0	
1-Methylnaphthalene	15.3	9.5	20	ug/Kg	69				0	0	
2-Methylnaphthalene	15.3	13	23	ug/Kg	65				0	0	
Acenaphthylene	15.3	50	63	ug/Kg	85				0	0	
Acenaphthene	15.3	34	51	ug/Kg	111				31	137	
Fluorene	15.3	36	57	ug/Kg	137				0	0	
Pentachlorophenol	30.6	2.4	21	ug/Kg	61				17	109	
Phenanthrene	15.3	460	620	ug/Kg	1046				0	0	
Anthracene	15.3	93	170	ug/Kg	503				0	0	
Fluoranthene	15.3	1100	1500	ug/Kg	2614				0	0	
Pyrene	15.3	670	920	ug/Kg	1634	*			35	142	
Benzo(a)anthracene	15.3	400	560	ug/Kg	1046				0	0	
Chrysene	15.3	450	580	ug/Kg	850				0	0	
Benzo(b)fluoranthene	15.3	570	630	ug/Kg	392				0	0	
Benzo(k)fluoranthene	15.3	190	240	ug/Kg	327				0	0	
Benzo(a)pyrene	15.3	240	290	ug/Kg	327				0	0	
Indeno(1,2,3-cd)pyrene	15.3	160	190	ug/Kg	196				0	0	
Dibenzo(a,h)anthracene	15.3	66	84	ug/Kg	118				0	0	
Benzo(g,h,i)perylene	15.3	30	35	ug/Kg	33				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3101-04MSD	Client Sample ID:	A4CD6MSD					DataFile:	BM046628.D		
1,4-Dioxane	76.6		33	ug/Kg	43		2		15	120	50
Naphthalene	15.3	18	30	ug/Kg	78		18	*	0	0	0
1-Methylnaphthalene	15.3	9.5	21	ug/Kg	75		8	*	0	0	0
2-Methylnaphthalene	15.3	13	24	ug/Kg	72		10	*	0	0	0
Acenaphthylene	15.3	50	67	ug/Kg	111		27	*	0	0	0
Acenaphthene	15.3	34	53	ug/Kg	124		11		31	137	19
Fluorene	15.3	36	60	ug/Kg	157		14	*	0	0	0
Pentachlorophenol	30.6	2.4	22	ug/Kg	64		5		17	109	47
Phenanthrene	15.3	460	640	ug/Kg	1176		12	*	0	0	0
Anthracene	15.3	93	180	ug/Kg	569		12	*	0	0	0
Fluoranthene	15.3	1100	1600	ug/Kg	3268		22	*	0	0	0
Pyrene	15.3	670	960	ug/Kg	1895	*	15		35	142	36
Benzo(a)anthracene	15.3	400	580	ug/Kg	1176		12	*	0	0	0
Chrysene	15.3	450	610	ug/Kg	1046		21	*	0	0	0
Benzo(b)fluoranthene	15.3	570	640	ug/Kg	458		16	*	0	0	0
Benzo(k)fluoranthene	15.3	190	260	ug/Kg	458		33	*	0	0	0
Benzo(a)pyrene	15.3	240	300	ug/Kg	392		18	*	0	0	0
Indeno(1,2,3-cd)pyrene	15.3	160	190	ug/Kg	196		0		0	0	0
Dibenzo(a,h)anthracene	15.3	66	87	ug/Kg	137		15	*	0	0	0
Benzo(g,h,i)perylene	15.3	30	36	ug/Kg	39		17	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3139-02MS	Client Sample ID:	A4D00MS					DataFile:	BM046630.D		
1,4-Dioxane	86.2		31	ug/Kg	36				15	120	
1,4-Dioxane	86.2		38	ug/Kg	44				15	120	
Naphthalene	17.2	8.3	19	ug/Kg	62				0	0	
Naphthalene	17.2	8.3	21	ug/Kg	74				0	0	
1-Methylnaphthalene	17.2	7.3	22	ug/Kg	85				0	0	
1-Methylnaphthalene	17.2	7.3	19	ug/Kg	68				0	0	
2-Methylnaphthalene	17.2	7.9	20	ug/Kg	70				0	0	
2-Methylnaphthalene	17.2	7.9	22	ug/Kg	82				0	0	
Acenaphthylene	17.2	19	29	ug/Kg	58				0	0	
Acenaphthylene	17.2	19	34	ug/Kg	87				0	0	
Acenaphthene	17.2	6.5	17	ug/Kg	61				31	137	
Acenaphthene	17.2	6.5	20	ug/Kg	78				31	137	
Fluorene	17.2	8.3	18	ug/Kg	56				0	0	
Fluorene	17.2	8.3	21	ug/Kg	74				0	0	
Pentachlorophenol	34.5		26	ug/Kg	75				17	109	
Pentachlorophenol	34.5		23	ug/Kg	67				17	109	
Phenanthrene	17.2	110	110	ug/Kg	0				0	0	
Phenanthrene	17.2	110	130	ug/Kg	116				0	0	
Anthracene	17.2	21	35	ug/Kg	81				0	0	
Anthracene	17.2	21	29	ug/Kg	47				0	0	
Fluoranthene	17.2	250	220	ug/Kg	-174				0	0	
Fluoranthene	17.2	250	260	ug/Kg	58				0	0	
Pyrene	17.2	120	130	ug/Kg	58				35	142	
Pyrene	17.2	120	110	ug/Kg	-58	*			35	142	
Benzo(a)anthracene	17.2	87	85	ug/Kg	-12				0	0	
Benzo(a)anthracene	17.2	87	98	ug/Kg	64				0	0	
Chrysene	17.2	110	120	ug/Kg	58				0	0	
Chrysene	17.2	110	100	ug/Kg	-58				0	0	
Benzo(b)fluoranthene	17.2	140	120	ug/Kg	-116				0	0	
Benzo(b)fluoranthene	17.2	140	140	ug/Kg	0				0	0	
Benzo(k)fluoranthene	17.2	51	62	ug/Kg	64				0	0	
Benzo(k)fluoranthene	17.2	51	52	ug/Kg	6				0	0	
Benzo(a)pyrene	17.2	39	38	ug/Kg	-6				0	0	
Benzo(a)pyrene	17.2	39	44	ug/Kg	29				0	0	
Indeno(1,2,3-cd)pyrene	17.2	32	37	ug/Kg	29				0	0	
Indeno(1,2,3-cd)pyrene	17.2	32	33	ug/Kg	6				0	0	
Dibenzo(a,h)anthracene	17.2	18	24	ug/Kg	35				0	0	
Dibenzo(a,h)anthracene	17.2	18	28	ug/Kg	58				0	0	
Benzo(g,h,i)perylene	17.2	5.4	6.2	ug/Kg	5				0	0	
Benzo(g,h,i)perylene	17.2	5.4	5.7	ug/Kg	2				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3139-03MSD	Client Sample ID:	A4D00MSD					DataFile:	BM046631.D		
1,4-Dioxane	86.2		37	ug/Kg	43		18		15	120	50
Naphthalene	17.2	8.3	21	ug/Kg	74		18	*	0	0	0
1-Methylnaphthalene	17.2	7.3	22	ug/Kg	85		22	*	0	0	0
2-Methylnaphthalene	17.2	7.9	22	ug/Kg	82		16	*	0	0	0
Acenaphthylene	17.2	19	34	ug/Kg	87		40	*	0	0	0
Acenaphthene	17.2	6.5	20	ug/Kg	78		24	*	31	137	19
Fluorene	17.2	8.3	21	ug/Kg	74		28	*	0	0	0
Pentachlorophenol	34.5		27	ug/Kg	78		15		17	109	47
Phenanthrene	17.2	110	130	ug/Kg	116		200	*	0	0	0
Anthracene	17.2	21	35	ug/Kg	81		53	*	0	0	0
Fluoranthene	17.2	250	260	ug/Kg	58		400	*	0	0	0
Pyrene	17.2	120	130	ug/Kg	58				35	142	36
Benzo(a)anthracene	17.2	87	99	ug/Kg	70		283	*	0	0	0
Chrysene	17.2	110	120	ug/Kg	58				0	0	0
Benzo(b)fluoranthene	17.2	140	140	ug/Kg	0		200	*	0	0	0
Benzo(k)fluoranthene	17.2	51	65	ug/Kg	81		172	*	0	0	0
Benzo(a)pyrene	17.2	39	45	ug/Kg	35		283	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.2	32	38	ug/Kg	35		141	*	0	0	0
Dibenzo(a,h)anthracene	17.2	18	28	ug/Kg	58		49	*	0	0	0
Benzo(g,h,i)perylene	17.2	5.4	6.5	ug/Kg	6		100	*	0	0	0



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Surrogate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3035-10	A4CX8	BM046612.D	1,4-Dioxane-d8	8	1.71	21		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P3035-17	A4CX5	BM046601.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3035-24DL	A4CC9DL	BM046625.D	1,4-Dioxane-d8	8	2.19	27		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P3035-25	A4CD0	BM046602.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140



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Surrogate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3084-03	E1GE2	BM046614.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130



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Surrogate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3109-02RE	H0HC2RE	BM046613.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3087-01DL	A4CB7DL	BM046619.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3087-07	A4CB4	BM046611.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P3087-13	A4BP1	BM046607.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3087-15	A4BR0	BM046603.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		20	140
P3087-17	A4BR2	BM046608.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3087-18DL	A4BR3DL	BM046615.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3087-19	A4BR4	BM046609.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P3087-20	A4BR5	BM046610.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-02DL	A4CC5DL	BM046620.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P3088-11DL	A4CY3DL	BM046621.D	1,4-Dioxane-d8	8	2.39	30		15	120
			Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3088-13	A4CY5	BM046604.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3088-14DL	A4D02DL	BM046622.D	1,4-Dioxane-d8	8	1.62	20		15	120
			Fluoranthene-d10	0.4	0.12	29	*	30	130
			2-Methylnaphthalene-d10	0.4	0.14	34		20	140
P3088-15DL	A4D09DL	BM046623.D	1,4-Dioxane-d8	8	2.04	25		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P3088-17DL	A4D12DL	BM046624.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
PB161884BS	PB161884BS	BM046616.D	1,4-Dioxane-d8	8	5.33	67		15	120
		BM046649.D	1,4-Dioxane-d8	8	0.55	7	*	15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
		BM046616.D	Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	1.14	285	*	20	140
		BM046649.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	140

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-01	A4CD1	BM046653.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P3100-02MS	A4CD1MS	BM046654.D	1,4-Dioxane-d8	8	0.43	5	*	15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
P3100-03MSD	A4CD1MSD	BM046655.D	1,4-Dioxane-d8	8	0.37	5	*	15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P3100-04	A4DQ0	BM046597.D	1,4-Dioxane-d8	8	0.34	4	*	15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		20	140
P3100-04DL	A4DQ0DL	BM046598.D	1,4-Dioxane-d8	8	0.33	4	*	15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P3100-06	A4BW2	BM046656.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P3100-07	A4BW4	BM046657.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3100-08	A4BW6	BM046658.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3100-08DL	A4BW6DL	BM046673.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3100-09	A4BW7	BM046659.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3100-10	A4BW8	BM046660.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3100-10DL	A4BW8DL	BM046674.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140
P3100-14	A4BY0	BM046661.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P3100-15	A4D04	BM046662.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
PB161887BL	PB161887BL	BM046652.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
PB161887BS	PB161887BS	BM046664.D	1,4-Dioxane-d8	0.8	0.48	60		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3101-01	A4DP2	BM046593.D	1,4-Dioxane-d8	8	0.24	3	*	15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
P3101-01DL	A4DP2DL	BM046594.D	1,4-Dioxane-d8	8	0.35	4	*	15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3101-02	A4CD6	BM046626.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P3101-02DL	A4CD6DL	BM046647.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		20	140
P3101-03MS	A4CD6MS	BM046627.D	1,4-Dioxane-d8	8	0.33	4	*	15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P3101-04MSD	A4CD6MSD	BM046628.D	1,4-Dioxane-d8	8	0.33	4	*	15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
PB161915BL	PB161915BL	BM046600.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
PB161915BS	PB161915BS	BM046632.D	1,4-Dioxane-d8	8	0.65	8	*	15	120
		BM046665.D	1,4-Dioxane-d8	0.8	0.52	65		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
		BM046632.D	Fluoranthene-d10	0.4	0.59	147	*	30	130
		BM046665.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	140
		BM046632.D	2-Methylnaphthalene-d10	0.4	0.53	132		20	140



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Surrogate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-24	YDZH1	BM046606.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB161940BL	PB161940BL	BM046592.D	1,4-Dioxane-d8	8	0.52	6	*	15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB161940BS	PB161940BS	BM046605.D	1,4-Dioxane-d8	8	0.58	7	*	15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3139-01	A4D00	BM046629.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P3139-01DL	A4D00DL	BM046648.D	1,4-Dioxane-d8	8	4.35	54		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		20	140
P3139-02MS	A4D00MS	BM046630.D	1,4-Dioxane-d8	8	0.28	4	*	15	120
			1,4-Dioxane-d8	8	0.34	4	*	15	120
		BM046633.D	Fluoranthene-d10	0.4	0.39	98		30	130
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P3139-03MSD	A4D00MSD	BM046631.D	1,4-Dioxane-d8	8	0.34	4	*	15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
P3139-04	A4DQ1	BM046595.D	1,4-Dioxane-d8	8	0.28	3	*	15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P3139-04DL	A4DQ1DL	BM046596.D	1,4-Dioxane-d8	8	0.27	3	*	15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
PB161950BL	PB161950BL	BM046618.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
PB161950BS	PB161950BS	BM046663.D	1,4-Dioxane-d8	0.8	0.48	60		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3177-02	A4BS0	BM046636.D	1,4-Dioxane-d8	8	2.31	29		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P3177-02DL	A4BS0DL	BM046668.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
P3177-04	A4BS2	BM046643.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3177-05	A4BS3	BM046637.D	1,4-Dioxane-d8	8	1.94	24		15	120
			Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P3177-05DL	A4BS3DL	BM046669.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3177-06	A4BS4	BM046638.D	1,4-Dioxane-d8	8	2.14	27		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P3177-07	A4BS5	BM046639.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3177-07DL	A4BS5DL	BM046670.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P3177-08	A4BS6	BM046640.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3177-11	A4BX4	BM046675.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3177-11DL	A4BX4DL	BM046676.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3177-12	A4BX5	BM046641.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P3177-12DL	A4BX5DL	BM046671.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140
P3177-13	A4BX6	BM046642.D	1,4-Dioxane-d8	8	2.00	25		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.18	46		20	140
P3177-13DL	A4BX6DL	BM046672.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P3177-16	A4BY2	BM046677.D	1,4-Dioxane-d8	8	1.70	21		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.15	36		20	140
P3177-16DL	A4BY2DL	BM046678.D	1,4-Dioxane-d8	8	1.40	17		15	120

Surrogate Summary

SW-846

SDG No.: **BM071524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3177-16DL	A4BY2DL	BM046678.D	Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.15	36		20	140
P3177-17	A4BY3	BM046679.D	1,4-Dioxane-d8	8	2.22	28		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
P3177-17DL	A4BY3DL	BM046680.D	2-Methylnaphthalene-d10	0.4	0.20	50		20	140
			1,4-Dioxane-d8	8	2.14	27		15	120
P3177-18	A4BY6	BM046646.D	Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3177-24MS	A4BS2MS	BM046644.D	1,4-Dioxane-d8	8	2.28	28		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
P3177-25MSD	A4BS2MSD	BM046645.D	2-Methylnaphthalene-d10	0.4	0.18	45		20	140
			1,4-Dioxane-d8	8	0.28	3	*	15	120
P3177-25MSD	A4BS2MSD	BM046645.D	Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
PB162023BL	PB162023BL	BM046635.D	1,4-Dioxane-d8	8	0.33	4	*	15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
PB162023BS	PB162023BS	BM046650.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	140
			1,4-Dioxane-d8	8	5.12	64		15	120
PB162023BS	PB162023BS	BM046650.D	Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140
PB162023BS	PB162023BS	BM046650.D	1,4-Dioxane-d8	8	0.58	7	*	15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		20	140



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

Surrogate Summary

SW-846

SDG No.: BM071524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162044BL	PB162044BL	BM046667.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4167	SSTDCCC0.4	BM046591.D	07/15/2024	10:31
SBLK940	PB161940BL	BM046592.D	07/15/2024	11:08
A4DP2	P3101-01	BM046593.D	07/15/2024	11:44
A4DP2DL	P3101-01DL	BM046594.D	07/15/2024	12:36
A4DQ1	P3139-04	BM046595.D	07/15/2024	13:13
A4DQ1DL	P3139-04DL	BM046596.D	07/15/2024	14:01
A4DQ0	P3100-04	BM046597.D	07/15/2024	14:46
A4DQ0DL	P3100-04DL	BM046598.D	07/15/2024	16:14
SSTD0.4168	SSTDCCC0.4	BM046599.D	07/15/2024	16:59
SBLK915	PB161915BL	BM046600.D	07/15/2024	17:36
A4CX5	P3035-17	BM046601.D	07/15/2024	18:13
A4CD0	P3035-25	BM046602.D	07/15/2024	18:50
A4BR0	P3087-15	BM046603.D	07/15/2024	19:28
A4CY5	P3088-13	BM046604.D	07/15/2024	20:05
SLCS940	PB161940BS	BM046605.D	07/15/2024	20:42
YDZH1	P3137-24	BM046606.D	07/15/2024	21:19
A4BP1	P3087-13	BM046607.D	07/15/2024	21:56
A4BR2	P3087-17	BM046608.D	07/15/2024	22:33

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524

SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BR4	P3087-19	BM046609.D	07/15/2024	23:09
A4BR5	P3087-20	BM046610.D	07/15/2024	23:46
A4CB4	P3087-07	BM046611.D	07/16/2024	00:23
A4CX8	P3035-10	BM046612.D	07/16/2024	01:00
H0HC2RE	P3109-02RE	BM046613.D	07/16/2024	01:37
E1GE2	P3084-03	BM046614.D	07/16/2024	02:13
A4BR3DL	P3087-18DL	BM046615.D	07/16/2024	02:50
SLCS884	PB161884BS	BM046616.D	07/16/2024	03:27
SSTD0.4169	SSTDCCC0.4	BM046617.D	07/16/2024	04:03
SBLK950	PB161950BL	BM046618.D	07/16/2024	05:16
A4CB7DL	P3087-01DL	BM046619.D	07/16/2024	05:53
A4CC5DL	P3088-02DL	BM046620.D	07/16/2024	06:29
A4CY3DL	P3088-11DL	BM046621.D	07/16/2024	07:06
A4D02DL	P3088-14DL	BM046622.D	07/16/2024	07:42
A4D09DL	P3088-15DL	BM046623.D	07/16/2024	08:19
A4D12DL	P3088-17DL	BM046624.D	07/16/2024	08:55
A4CC9DL	P3035-24DL	BM046625.D	07/16/2024	09:32
A4CD6	P3101-02	BM046626.D	07/16/2024	10:09

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524

SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4CD6MS	P3101-03MS	BM046627.D	07/16/2024	10:46
A4CD6MSD	P3101-04MSD	BM046628.D	07/16/2024	11:23
A4D00	P3139-01	BM046629.D	07/16/2024	12:00
A4D00MS	P3139-02MS	BM046630.D	07/16/2024	12:37
A4D00MSD	P3139-03MSD	BM046631.D	07/16/2024	13:14
SLCS915	PB161915BS	BM046632.D	07/16/2024	13:51
A4D00MS	P3139-02MS	BM046633.D	07/16/2024	14:28
SSTD0.4170	SSTDCCC0.4	BM046634.D	07/16/2024	15:43
SBLK023	PB162023BL	BM046635.D	07/16/2024	16:20
A4BS0	P3177-02	BM046636.D	07/16/2024	16:58
A4BS3	P3177-05	BM046637.D	07/16/2024	17:35
A4BS4	P3177-06	BM046638.D	07/16/2024	18:13
A4BS5	P3177-07	BM046639.D	07/16/2024	18:50
A4BS6	P3177-08	BM046640.D	07/16/2024	19:27
A4BX5	P3177-12	BM046641.D	07/16/2024	20:05
A4BX6	P3177-13	BM046642.D	07/16/2024	20:42
A4BS2	P3177-04	BM046643.D	07/16/2024	21:19
A4BS2MS	P3177-24MS	BM046644.D	07/16/2024	21:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BS2MSD	P3177-25MSD	BM046645.D	07/16/2024	22:34
A4BY6	P3177-18	BM046646.D	07/16/2024	23:10
A4CD6DL	P3101-02DL	BM046647.D	07/16/2024	23:47
A4D00DL	P3139-01DL	BM046648.D	07/17/2024	00:24
SLCS884	PB161884BS	BM046649.D	07/17/2024	01:01
SLCS023	PB162023BS	BM046650.D	07/17/2024	01:38
SSTD0.4171	SSTDCCC0.4	BM046651.D	07/17/2024	02:14
SBLK887	PB161887BL	BM046652.D	07/17/2024	03:28
A4CD1	P3100-01	BM046653.D	07/17/2024	04:04
A4CD1MS	P3100-02MS	BM046654.D	07/17/2024	04:41
A4CD1MSD	P3100-03MSD	BM046655.D	07/17/2024	05:18
A4BW2	P3100-06	BM046656.D	07/17/2024	05:54
A4BW4	P3100-07	BM046657.D	07/17/2024	06:31
A4BW6	P3100-08	BM046658.D	07/17/2024	07:08
A4BW7	P3100-09	BM046659.D	07/17/2024	07:44
A4BW8	P3100-10	BM046660.D	07/17/2024	08:21
A4BY0	P3100-14	BM046661.D	07/17/2024	08:57
A4D04	P3100-15	BM046662.D	07/17/2024	09:34

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524

SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS950	PB161950BS	BM046663.D	07/17/2024	10:11
SLCS887	PB161887BS	BM046664.D	07/17/2024	10:48
SLCS915	PB161915BS	BM046665.D	07/17/2024	11:24
SSTD0.4172	SSTDCCC0.4	BM046666.D	07/17/2024	12:39
SBLK044	PB162044BL	BM046667.D	07/17/2024	13:16
A4BS0DL	P3177-02DL	BM046668.D	07/17/2024	13:53
A4BS3DL	P3177-05DL	BM046669.D	07/17/2024	14:30
A4BS5DL	P3177-07DL	BM046670.D	07/17/2024	15:07
A4BX5DL	P3177-12DL	BM046671.D	07/17/2024	15:45
A4BX6DL	P3177-13DL	BM046672.D	07/17/2024	16:22
A4BW6DL	P3100-08DL	BM046673.D	07/17/2024	16:59
A4BW8DL	P3100-10DL	BM046674.D	07/17/2024	17:37
A4BX4	P3177-11	BM046675.D	07/17/2024	18:14
A4BX4DL	P3177-11DL	BM046676.D	07/17/2024	18:52
A4BY2	P3177-16	BM046677.D	07/17/2024	19:29
A4BY2DL	P3177-16DL	BM046678.D	07/17/2024	20:07
A4BY3	P3177-17	BM046679.D	07/17/2024	20:44
A4BY3DL	P3177-17DL	BM046680.D	07/17/2024	21:21

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM071524

Lab Code: CHEM

SAS No.: BM071524

SDG NO.: BM071524

Lab File ID: BM046590.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43
197	Less than 2.0% of mass 198	0.5
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	29.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	57.4
443	15.0 - 24.0% of mass 442	11 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4173	SSTDCCC0.4EC	BM046681.D	07/17/2024	22:36