

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.

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
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
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	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
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
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	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
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	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
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
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
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

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 : 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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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				
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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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	ug/Kg
P3087-20	A4BR5	Solid	2-Methylnaphthalene		2.100	J	0.38	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthene		3.800	J	0.36	ug/Kg
P3087-20	A4BR5	Solid	Acenaphthylene		7.200		0.66	ug/Kg
P3087-20	A4BR5	Solid	Anthracene		13.000		0.34	ug/Kg
P3087-20	A4BR5	Solid	Benzo(a)anthracene		40.000		0.19	ug/Kg
P3087-20	A4BR5	Solid	Benzo(a)pyrene		46.000		0.64	ug/Kg
P3087-20	A4BR5	Solid	Benzo(b)fluoranthene		59.000		0.94	ug/Kg
P3087-20	A4BR5	Solid	Benzo(g,h,i)perylene		28.000		1.5	ug/Kg
P3087-20	A4BR5	Solid	Benzo(k)fluoranthene		21.000		0.64	ug/Kg
P3087-20	A4BR5	Solid	Chrysene		45.000		0.5	ug/Kg
P3087-20	A4BR5	Solid	Dibenzo(a,h)anthracene		7.000		0.94	ug/Kg
P3087-20	A4BR5	Solid	Fluoranthene		93.000		0.36	ug/Kg
P3087-20	A4BR5	Solid	Fluorene		4.500	J	0.44	ug/Kg
P3087-20	A4BR5	Solid	Indeno(1,2,3-cd)pyrene		23.000		1	ug/Kg
P3087-20	A4BR5	Solid	Naphthalene		4.300	J	0.4	ug/Kg
P3087-20	A4BR5	Solid	Phenanthrene		57.000		0.36	ug/Kg
P3087-20	A4BR5	Solid	Pyrene		77.000		0.48	ug/Kg

Total Svoc :

532.60

Total Concentration:

532.60

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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		

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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	5.7	ug/Kg
P3088-13	A4CY5	Solid	Acenaphthene		2.800 J	0.31	5.7	ug/Kg
P3088-13	A4CY5	Solid	Acenaphthylene		3.200 J	0.57	5.7	ug/Kg
P3088-13	A4CY5	Solid	Anthracene		6.500	0.29	5.7	ug/Kg
P3088-13	A4CY5	Solid	Benzo(a)anthracene		20.000	0.16	5.7	ug/Kg
P3088-13	A4CY5	Solid	Benzo(a)pyrene		23.000	0.55	5.7	ug/Kg
P3088-13	A4CY5	Solid	Benzo(b)fluoranthene		30.000	0.81	5.7	ug/Kg
P3088-13	A4CY5	Solid	Benzo(g,h,i)perylene		14.000	1.3	5.7	ug/Kg
P3088-13	A4CY5	Solid	Benzo(k)fluoranthene		11.000	0.55	5.7	ug/Kg
P3088-13	A4CY5	Solid	Chrysene		23.000	0.43	5.7	ug/Kg
P3088-13	A4CY5	Solid	Dibenzo(a,h)anthracene		3.900 J	0.81	5.7	ug/Kg
P3088-13	A4CY5	Solid	Fluoranthene		51.000	0.31	5.7	ug/Kg
P3088-13	A4CY5	Solid	Fluorene		2.900 J	0.38	5.7	ug/Kg
P3088-13	A4CY5	Solid	Indeno(1,2,3-cd)pyrene		12.000	0.9	5.7	ug/Kg
P3088-13	A4CY5	Solid	Naphthalene		3.700 J	0.35	5.7	ug/Kg
P3088-13	A4CY5	Solid	Phenanthrene		31.000	0.31	5.7	ug/Kg
P3088-13	A4CY5	Solid	Pyrene		42.000	0.41	5.7	ug/Kg
			Total Svoc :			281.70		
			Total Concentration:			281.70		
Client ID : A4D02DL								
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

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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

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SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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 : 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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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 : A4DP2

P3101-01	A4DP2	Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
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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
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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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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 :	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 :	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
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

Hit Summary Sheet SW-846

SDG No.: BM071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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
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				



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

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



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: 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.

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

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

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

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	
								Qual	Low	High	RPD
PB161884BS	1,4-Dioxane	66.7	270	ug/Kg	405				0	0	
	Naphthalene	13.3	930	ug/Kg	6992				0	0	
	1-Methylnaphthalene	13.3	950	ug/Kg	7143				0	0	
	2-Methylnaphthalene	13.3	990	ug/Kg	7444				0	0	
	Acenaphthylene	13.3	950	ug/Kg	7143				0	0	
	Acenaphthene	13.3	950	ug/Kg	7143				0	0	
	Fluorene	13.3	1000	ug/Kg	7519				0	0	
	Pentachlorophenol	26.7	800	ug/Kg	2996				0	0	
	Phenanthrene	13.3	920	ug/Kg	6917				0	0	
	Anthracene	13.3	870	ug/Kg	6541				0	0	
	Fluoranthene	13.3	1100	ug/Kg	8271				0	0	
	Pyrene	13.3	980	ug/Kg	7368				0	0	
	Benzo(a)anthracene	13.3	940	ug/Kg	7068				0	0	
	Chrysene	13.3	890	ug/Kg	6692				0	0	
	Benzo(b)fluoranthene	13.3	960	ug/Kg	7218				0	0	
	Benzo(k)fluoranthene	13.3	910	ug/Kg	6842				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	
	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	

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		

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.

A4BP1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046607.D

Lab Sample ID: P3087-13

Instrument ID: BNA_M

Date Extracted: 07/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BP1	P3087-13	BM046607.D	07/15/2024
A4BR2	P3087-17	BM046608.D	07/15/2024
A4BR4	P3087-19	BM046609.D	07/15/2024
A4BR5	P3087-20	BM046610.D	07/15/2024
A4CB4	P3087-07	BM046611.D	07/16/2024
A4BR0	P3087-15	BM046603.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CY5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046604.D

Lab Sample ID: P3088-13

Instrument ID: BNA_M

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 20:05

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

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

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4DQ0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM071524

SAS No.: BM071524 SDG NO.: BM071524

Lab File ID: BM046597.D

Lab Sample ID: P3100-04

Instrument ID: BNA_M

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 14:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DQ0	P3100-04	BM046597.D	07/15/2024

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

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
A4DQ1	P3139-04	BM046595.D	07/15/2024

COMMENTS: _____



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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
P3035-25	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
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	1.14	285	*	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
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



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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
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
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



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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



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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
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

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