

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG No.: BM062424

Instrument ID: BNA_M Calibration Date/Time: 6/24/2024 1:08:49

Lab File ID: BM046243.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4145 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.616	0.648	0.010	5.2839	40.0
1,4-Dioxane-d8	0.549	0.526	0.010	-4.2037	40.0
Naphthalene	1.115	1.081	0.600	-3.1202	30.0
1-Methylnaphthalene	0.689	0.755	0.300	9.5286	30.0
2-Methylnaphthalene	0.628	0.623	0.300	-0.8529	30.0
Acenaphthylene	1.897	1.866	0.900	-1.6639	30.0
Acenaphthene	1.370	1.354	0.500	-1.1389	30.0
Fluorene	1.470	1.424	0.700	-3.1133	30.0
Pentachlorophenol	0.120	0.104	0.010	-13.4218	50.0
Phenanthrene	1.124	1.095	0.300	-2.5742	30.0
Anthracene	0.837	0.794	0.400	-5.176	30.0
Fluoranthene	1.732	1.825	0.400	5.3819	30.0
Pyrene	1.873	1.948	0.500	4.0002	30.0
Benzo (a) anthracene	1.545	1.456	0.400	-5.7857	30.0
Chrysene	1.972	1.955	0.400	-0.857	30.0
Benzo (b) fluoranthene	1.441	1.321	0.200	-8.3552	30.0
Benzo (k) fluoranthene	1.713	1.673	0.200	-2.3788	30.0
Benzo (a) pyrene	1.335	1.259	0.200	-5.7108	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.911	0.200	-12.5766	30.0
Dibenzo (a,h) anthracene	1.627	1.447	0.200	-11.0441	30.0
Benzo (g,h,i) perylene	1.874	1.613	0.200	-13.9333	30.0
Fluoranthene-d10	1.198	1.240	0.400	3.52	30.0
2-Methylnaphthalene-d10	0.537	0.549	0.300	2.2514	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.: BM062424 SAS No.: BM062424 SDG No.: BM062424

Instrument ID: BNA_M Calibration Date/Time: 6/24/2024 1:16:54

Lab File ID: BM046256.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4146 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.616	0.677	0.010	9.9519	40.0
1,4-Dioxane-d8	0.549	0.605	0.010	10.2903	40.0
Naphthalene	1.115	1.078	0.600	-3.3845	30.0
1-Methylnaphthalene	0.689	0.732	0.300	6.1825	30.0
2-Methylnaphthalene	0.628	0.616	0.300	-1.8571	30.0
Acenaphthylene	1.897	1.837	0.900	-3.1935	30.0
Acenaphthene	1.370	1.352	0.500	-1.321	30.0
Fluorene	1.470	1.384	0.700	-5.8137	30.0
Pentachlorophenol	0.120	0.110	0.010	-8.5919	50.0
Phenanthrene	1.124	1.081	0.300	-3.7774	30.0
Anthracene	0.837	0.714	0.400	-14.6572	30.0
Fluoranthene	1.732	1.794	0.400	3.556	30.0
Pyrene	1.873	1.905	0.500	1.704	30.0
Benzo (a) anthracene	1.545	1.382	0.400	-10.5222	30.0
Chrysene	1.972	1.947	0.400	-1.2466	30.0
Benzo (b) fluoranthene	1.441	1.280	0.200	-11.2026	30.0
Benzo (k) fluoranthene	1.713	1.647	0.200	-3.8826	30.0
Benzo (a) pyrene	1.335	1.224	0.200	-8.3668	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.906	0.200	-12.7713	30.0
Dibenzo (a,h) anthracene	1.627	1.448	0.200	-10.9968	30.0
Benzo (g,h,i) perylene	1.874	1.576	0.200	-15.9112	30.0
Fluoranthene-d10	1.198	1.205	0.400	0.5639	30.0
2-Methylnaphthalene-d10	0.537	0.545	0.300	1.3849	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.: BM062424 SAS No.: BM062424 SDG No.: BM062424
 Instrument ID: BNA_M Calibration Date/Time: 6/25/2024 1:03:49
 Lab File ID: BM046273.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4147 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.616	0.686	0.010	11.3966	40.0
1,4-Dioxane-d8	0.549	0.544	0.010	-0.9328	40.0
Naphthalene	1.115	1.104	0.600	-1.0602	30.0
1-Methylnaphthalene	0.689	0.772	0.300	12.036	30.0
2-Methylnaphthalene	0.628	0.620	0.300	-1.2169	30.0
Acenaphthylene	1.897	1.803	0.900	-4.9713	30.0
Acenaphthene	1.370	1.335	0.500	-2.5195	30.0
Fluorene	1.470	1.409	0.700	-4.1086	30.0
Pentachlorophenol	0.120	0.104	0.010	-13.1248	50.0
Phenanthrene	1.124	1.095	0.300	-2.5982	30.0
Anthracene	0.837	0.676	0.400	-19.1892	30.0
Fluoranthene	1.732	1.840	0.400	6.2549	30.0
Pyrene	1.873	1.972	0.500	5.2876	30.0
Benzo (a) anthracene	1.545	1.399	0.400	-9.4308	30.0
Chrysene	1.972	1.969	0.400	-0.1522	30.0
Benzo (b) fluoranthene	1.441	1.262	0.200	-12.4105	30.0
Benzo (k) fluoranthene	1.713	1.763	0.200	2.8956	30.0
Benzo (a) pyrene	1.335	1.266	0.200	-5.1609	30.0
Indeno (1,2,3-cd) pyrene	2.186	1.958	0.200	-10.4074	30.0
Dibenzo (a,h) anthracene	1.627	1.468	0.200	-9.7844	30.0
Benzo (g,h,i) perylene	1.874	1.664	0.200	-11.2005	30.0
Fluoranthene-d10	1.198	1.224	0.400	2.1774	30.0
2-Methylnaphthalene-d10	0.537	0.557	0.300	3.6177	30.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK516	SDG No.:	BM062424
Lab Sample ID:	PB161516BL	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
BM046244.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

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	4.559		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.314		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1951		7.405			
1146-65-2	Naphthalene-d8	6286		10.178			
15067-26-2	Acenaphthene-d10	3447		14.053			

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:	SBLK516	SDG No.:	BM062424
Lab Sample ID:	PB161516BL	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
BM046244.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7199	16.799				
1719-03-5	Chrysene-d12	5088	21.032				
1520-96-3	Perylene-d12	4305	23.101				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BM062424
Lab Sample ID:	P2844-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046245.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

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	0.04	J	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	0.02	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	0.0068	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	3.526		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1865		7.404			
1146-65-2	Naphthalene-d8	5834		10.171			
15067-26-2	Acenaphthene-d10	3488		14.052			

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BM062424
Lab Sample ID:	P2844-17	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
BM046245.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7084	16.798				
1719-03-5	Chrysene-d12	5024	21.023				
1520-96-3	Perylene-d12	4493	23.095				
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:	SLCS516	SDG No.:	BM062424
Lab Sample ID:	PB161516BS	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
BM046246.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		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	0.74		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.79		15-120		99	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1369		7.464			
1146-65-2	Naphthalene-d8	4424		10.266			
15067-26-2	Acenaphthene-d10	2654		14.09			

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:	SLCS516	SDG No.:	BM062424
Lab Sample ID:	PB161516BS	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
BM046246.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4878	16.854				
1719-03-5	Chrysene-d12	3904	21.032				
1520-96-3	Perylene-d12	5281	23.118				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3	SDG No.:	BM062424
Lab Sample ID:	P2775-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
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
BM046247.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	14	ug/Kg
91-20-3	Naphthalene	17		0.41	1.7	6.8	ug/Kg
90-12-0	1-Methylnaphthalene	7.3		1.1	1.7	6.8	ug/Kg
91-57-6	2-Methylnaphthalene	9.5		0.39	1.7	6.8	ug/Kg
208-96-8	Acenaphthylene	40		0.68	1.7	6.8	ug/Kg
83-32-9	Acenaphthene	34		0.37	1.7	6.8	ug/Kg
86-73-7	Fluorene	36		0.45	1.7	6.8	ug/Kg
87-86-5	Pentachlorophenol	4.1	U	4.1	3.4	14	ug/Kg
85-01-8	Phenanthrene	500	E	0.37	1.7	6.8	ug/Kg
120-12-7	Anthracene	120	E	0.35	1.7	6.8	ug/Kg
206-44-0	Fluoranthene	1000	E	0.37	1.7	6.8	ug/Kg
129-00-0	Pyrene	690	E	0.49	1.7	6.8	ug/Kg
56-55-3	Benzo(a)anthracene	490	E	0.19	1.7	6.8	ug/Kg
218-01-9	Chrysene	440	E	0.51	1.7	6.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	780	E	0.96	1.7	6.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	E	0.65	1.7	6.8	ug/Kg
50-32-8	Benzo(a)pyrene	320	E	0.65	1.7	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	1.1	1.7	6.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82		0.96	1.7	6.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32		1.5	1.7	6.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.762		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.358		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1642		7.404			
1146-65-2	Naphthalene-d8	5062		10.178			
15067-26-2	Acenaphthene-d10	2886		14.053			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3	SDG No.:	BM062424
Lab Sample ID:	P2775-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
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
BM046247.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6493	16.795				
1719-03-5	Chrysene-d12	5003	21				
1520-96-3	Perylene-d12	5632	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BM062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046248.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	61		1.8	0	14	ug/Kg
91-20-3	Naphthalene	37		0.41	1.7	6.8	ug/Kg
90-12-0	1-Methylnaphthalene	28		1.1	1.7	6.8	ug/Kg
91-57-6	2-Methylnaphthalene	31		0.39	1.7	6.8	ug/Kg
208-96-8	Acenaphthylene	66		0.68	1.7	6.8	ug/Kg
83-32-9	Acenaphthene	56		0.37	1.7	6.8	ug/Kg
86-73-7	Fluorene	62		0.45	1.7	6.8	ug/Kg
87-86-5	Pentachlorophenol	42		4.1	3.4	14	ug/Kg
85-01-8	Phenanthrene	650	E	0.37	1.7	6.8	ug/Kg
120-12-7	Anthracene	190	E	0.35	1.7	6.8	ug/Kg
206-44-0	Fluoranthene	1200	E	0.37	1.7	6.8	ug/Kg
129-00-0	Pyrene	820	E	0.49	1.7	6.8	ug/Kg
56-55-3	Benzo(a)anthracene	600	E	0.19	1.7	6.8	ug/Kg
218-01-9	Chrysene	530	E	0.51	1.7	6.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	760	E	0.96	1.7	6.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	E	0.66	1.7	6.8	ug/Kg
50-32-8	Benzo(a)pyrene	370	E	0.66	1.7	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	1.1	1.7	6.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97		0.96	1.7	6.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	E	1.5	1.7	6.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.39		15-120		49	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.286		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1740		7.434			
1146-65-2	Naphthalene-d8	5270		10.204			
15067-26-2	Acenaphthene-d10	3047		14.061			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BM062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046248.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6369	16.802				
1719-03-5	Chrysene-d12	5526	21				
1520-96-3	Perylene-d12	7197	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MSD	SDG No.:	BM062424
Lab Sample ID:	P2775-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046249.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	51		1.8	0	14	ug/Kg
91-20-3	Naphthalene	31		0.41	1.7	6.8	ug/Kg
90-12-0	1-Methylnaphthalene	23		1.1	1.7	6.8	ug/Kg
91-57-6	2-Methylnaphthalene	27		0.39	1.7	6.8	ug/Kg
208-96-8	Acenaphthylene	57		0.68	1.7	6.8	ug/Kg
83-32-9	Acenaphthene	49		0.37	1.7	6.8	ug/Kg
86-73-7	Fluorene	53		0.45	1.7	6.8	ug/Kg
87-86-5	Pentachlorophenol	37		4.1	3.4	14	ug/Kg
85-01-8	Phenanthrene	550	E	0.37	1.7	6.8	ug/Kg
120-12-7	Anthracene	160	E	0.35	1.7	6.8	ug/Kg
206-44-0	Fluoranthene	1000	E	0.37	1.7	6.8	ug/Kg
129-00-0	Pyrene	700	E	0.49	1.7	6.8	ug/Kg
56-55-3	Benzo(a)anthracene	510	E	0.19	1.7	6.8	ug/Kg
218-01-9	Chrysene	460	E	0.51	1.7	6.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	E	0.96	1.7	6.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.66	1.7	6.8	ug/Kg
50-32-8	Benzo(a)pyrene	310	E	0.66	1.7	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	1.1	1.7	6.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82		0.96	1.7	6.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110		1.5	1.7	6.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.312		15-120		39	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.249		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2121		7.43			
1146-65-2	Naphthalene-d8	6528		10.198			
15067-26-2	Acenaphthene-d10	3775		14.061			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MSD	SDG No.:	BM062424
Lab Sample ID:	P2775-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046249.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7922	16.802				
1719-03-5	Chrysene-d12	6719	21				
1520-96-3	Perylene-d12	8831	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BM062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046250.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	5.4		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	2.2	J	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	3.1	J	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	11		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	6.8		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	7.4		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	93	E	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	27		0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	180	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	170	E	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	92	E	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	70	E	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	45		0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.991		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.244		30-130		61	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	2092		7.405			
1146-65-2	Naphthalene-d8	6657		10.176			
15067-26-2	Acenaphthene-d10	3777		14.052			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BM062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046250.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8147	16.798				
1719-03-5	Chrysene-d12	6279	21.003				
1520-96-3	Perylene-d12	6843	23.09				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BM062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046251.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37		1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	15		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	21		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	17		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	17		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	17		2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	100	E	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	35		0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	180	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	130	E	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	100	E	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	82	E	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.6	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.41	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	58		0.41	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.6	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.363		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.252		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1897		7.438			
1146-65-2	Naphthalene-d8	5885		10.22			
15067-26-2	Acenaphthene-d10	3478		14.066			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BM062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046251.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6977	16.811				
1719-03-5	Chrysene-d12	6125	21.003				
1520-96-3	Perylene-d12	7829	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BM062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046252.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	17		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	15		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	24		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	19		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	19		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	20		2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	120	E	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	41		0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	210	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	150	E	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	94	E	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	E	0.6	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	59		0.41	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	66		0.41	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25		0.6	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.1		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.413		15-120		52	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1758		7.447			
1146-65-2	Naphthalene-d8	5222		10.216			
15067-26-2	Acenaphthene-d10	3069		14.067			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BM062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046252.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6157	16.812				
1719-03-5	Chrysene-d12	5479	21.003				
1520-96-3	Perylene-d12	7034	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS463	SDG No.:	BM062424
Lab Sample ID:	PB161463BS	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
BM046253.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.7		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.2		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.7		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.7		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.3		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	17		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.4		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	8.4		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	10		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	9.9		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	9.1		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	9.9		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.8		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.8		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.5		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.8		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.4		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.594		15-120		74	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1567		7.464			
1146-65-2	Naphthalene-d8	5300		10.266			
15067-26-2	Acenaphthene-d10	3358		14.086			

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS463	SDG No.:	BM062424
Lab Sample ID:	PB161463BS	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
BM046253.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6123	16.854				
1719-03-5	Chrysene-d12	5196	21.029				
1520-96-3	Perylene-d12	7131	23.115				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3DL	SDG No.:	BM062424
Lab Sample ID:	P2775-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
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
BM046254.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1	U	9.1	0	69	ug/Kg
91-20-3	Naphthalene	18	JD	2	8.4	34	ug/Kg
90-12-0	1-Methylnaphthalene	9.9	JD	5.3	8.4	34	ug/Kg
91-57-6	2-Methylnaphthalene	9.9	JD	1.9	8.4	34	ug/Kg
208-96-8	Acenaphthylene	44	D	3.4	8.4	34	ug/Kg
83-32-9	Acenaphthene	36	D	1.8	8.4	34	ug/Kg
86-73-7	Fluorene	39	D	2.3	8.4	34	ug/Kg
87-86-5	Pentachlorophenol	20	U	20	17.1	69	ug/Kg
85-01-8	Phenanthrene	560	ED	1.8	8.4	34	ug/Kg
120-12-7	Anthracene	140	D	1.7	8.4	34	ug/Kg
206-44-0	Fluoranthene	1100	ED	1.8	8.4	34	ug/Kg
129-00-0	Pyrene	770	ED	2.5	8.4	34	ug/Kg
56-55-3	Benzo(a)anthracene	540	D	0.95	8.4	34	ug/Kg
218-01-9	Chrysene	420	D	2.6	8.4	34	ug/Kg
205-99-2	Benzo(b)fluoranthene	780	ED	4.8	8.4	34	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	D	3.3	8.4	34	ug/Kg
50-32-8	Benzo(a)pyrene	330	D	3.3	8.4	34	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	D	5.3	8.4	34	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	D	4.8	8.4	34	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	JD	7.7	8.4	34	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.68		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1902		7.417			
1146-65-2	Naphthalene-d8	5434		10.216			
15067-26-2	Acenaphthene-d10	3234		14.062			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3DL	SDG No.:	BM062424
Lab Sample ID:	P2775-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.3
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
BM046254.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6343	16.812				
1719-03-5	Chrysene-d12	5358	21.005				
1520-96-3	Perylene-d12	6203	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6DL	SDG No.:	BM062424
Lab Sample ID:	P2776-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046255.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	5.7	JD	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	13	JD	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	7.8	JD	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	8	JD	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	42	ug/Kg
85-01-8	Phenanthrene	100	D	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	32	D	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	180	D	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	200	D	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	92	D	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	76	D	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	D	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	D	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	JD	4.7	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.185		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2029		7.417			
1146-65-2	Naphthalene-d8	5761		10.226			
15067-26-2	Acenaphthene-d10	3438		14.071			

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6DL	SDG No.:	BM062424
Lab Sample ID:	P2776-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046255.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6499	16.819				
1719-03-5	Chrysene-d12	5507	21.015				
1520-96-3	Perylene-d12	6755	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	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:	SBLK673	SDG No.:	BM062424
Lab Sample ID:	PB161673BL	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
BM046257.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

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	4.276		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2358	7.405				
1146-65-2	Naphthalene-d8	7468	10.172				
15067-26-2	Acenaphthene-d10	4224	14.053				

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:	SBLK673	SDG No.:	BM062424
Lab Sample ID:	PB161673BL	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
BM046257.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8673	16.799				
1719-03-5	Chrysene-d12	6184	21.029				
1520-96-3	Perylene-d12	5207	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BM062424
Lab Sample ID:	P2961-16	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
BM046258.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

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	0.03	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.003		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1827		7.405			
1146-65-2	Naphthalene-d8	5915		10.172			
15067-26-2	Acenaphthene-d10	3456		14.053			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BM062424
Lab Sample ID:	P2961-16	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
BM046258.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6952	16.799				
1719-03-5	Chrysene-d12	4928	21.026				
1520-96-3	Perylene-d12	3555	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BM062424
Lab Sample ID:	P2961-17	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
BM046259.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

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	3.999		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1756	7.404				
1146-65-2	Naphthalene-d8	5630	10.172				
15067-26-2	Acenaphthene-d10	3219	14.053				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BM062424
Lab Sample ID:	P2961-17	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
BM046259.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6740	16.799				
1719-03-5	Chrysene-d12	4698	21.026				
1520-96-3	Perylene-d12	3768	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BM062424
Lab Sample ID:	P2961-18	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
BM046260.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

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	4.401		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.447		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1721		7.404			
1146-65-2	Naphthalene-d8	5511		10.176			
15067-26-2	Acenaphthene-d10	3097		14.052			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BM062424
Lab Sample ID:	P2961-18	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
BM046260.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6416	16.798				
1719-03-5	Chrysene-d12	4573	21.02				
1520-96-3	Perylene-d12	3730	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS463	SDG No.:	BM062424
Lab Sample ID:	PB161463BS	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
BM046261.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.5		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.9		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	10		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.6		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	15		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.4		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	6.9		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	10		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	10		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	8.6		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	10		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.1		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.9		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.3		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.2		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.74		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.293		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.292		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1203		7.501			
1146-65-2	Naphthalene-d8	4578		10.282			
15067-26-2	Acenaphthene-d10	2752		14.104			

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS463	SDG No.:	BM062424
Lab Sample ID:	PB161463BS	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
BM046261.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5154	16.871				
1719-03-5	Chrysene-d12	4144	21.035				
1520-96-3	Perylene-d12	5604	23.121				
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:	SLCS673	SDG No.:	BM062424
Lab Sample ID:	PB161673BS	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
BM046262.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		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	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		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	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.33		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.879		15-120		110	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.409		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1269	7.459				
1146-65-2	Naphthalene-d8	4275	10.266				
15067-26-2	Acenaphthene-d10	2687	14.09				

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:	SLCS673	SDG No.:	BM062424
Lab Sample ID:	PB161673BS	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
BM046262.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4346	16.854				
1719-03-5	Chrysene-d12	3643	21.035				
1520-96-3	Perylene-d12	5143	23.115				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95DL	SDG No.:	BM062424
Lab Sample ID:	P2776-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.2
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
BM046263.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.1	U	6.1	0	46	ug/Kg
91-20-3	Naphthalene	1.4	U	1.4	5.7	23	ug/Kg
90-12-0	1-Methylnaphthalene	3.6	U	3.6	5.7	23	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	U	1.3	5.7	23	ug/Kg
208-96-8	Acenaphthylene	5.3	JD	2.3	5.7	23	ug/Kg
83-32-9	Acenaphthene	1.2	U	1.2	5.7	23	ug/Kg
86-73-7	Fluorene	1.5	U	1.5	5.7	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.5	46	ug/Kg
85-01-8	Phenanthrene	45	D	1.2	5.7	23	ug/Kg
120-12-7	Anthracene	13	JD	1.2	5.7	23	ug/Kg
206-44-0	Fluoranthene	110	D	1.2	5.7	23	ug/Kg
129-00-0	Pyrene	60	D	1.6	5.7	23	ug/Kg
56-55-3	Benzo(a)anthracene	48	D	0.64	5.7	23	ug/Kg
218-01-9	Chrysene	43	D	1.7	5.7	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	D	3.2	5.7	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	28	D	2.2	5.7	23	ug/Kg
50-32-8	Benzo(a)pyrene	23	D	2.2	5.7	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16	JD	3.6	5.7	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.2	JD	3.2	5.7	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.2	U	5.2	5.7	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.11		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2252		7.417			
1146-65-2	Naphthalene-d8	6226		10.238			
15067-26-2	Acenaphthene-d10	3701		14.072			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95DL	SDG No.:	BM062424
Lab Sample ID:	P2776-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.2
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
BM046263.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6655	16.82				
1719-03-5	Chrysene-d12	5224	21.023				
1520-96-3	Perylene-d12	6239	23.104				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72DL	SDG No.:	BM062424
Lab Sample ID:	P2776-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046264.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	5	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	0.97	U	0.97	4.5	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.1	36	ug/Kg
85-01-8	Phenanthrene	21	D	0.97	4.5	18	ug/Kg
120-12-7	Anthracene	7.4	JD	0.92	4.5	18	ug/Kg
206-44-0	Fluoranthene	46	D	0.97	4.5	18	ug/Kg
129-00-0	Pyrene	39	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	27	D	0.5	4.5	18	ug/Kg
218-01-9	Chrysene	20	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	D	2.5	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	JD	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	18	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	JD	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.3	JD	2.5	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.5	JD	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.74		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2339		7.417			
1146-65-2	Naphthalene-d8	6648		10.227			
15067-26-2	Acenaphthene-d10	3869		14.067			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72DL	SDG No.:	BM062424
Lab Sample ID:	P2776-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046264.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7252	16.816				
1719-03-5	Chrysene-d12	5936	21.008				
1520-96-3	Perylene-d12	7181	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76DL	SDG No.:	BM062424
Lab Sample ID:	P2776-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
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
BM046265.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

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	21	D	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	9.8	JD	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	71	D	2	5	20	ug/Kg
83-32-9	Acenaphthene	28	D	1.1	5	20	ug/Kg
86-73-7	Fluorene	34	D	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	510	ED	1.1	5	20	ug/Kg
120-12-7	Anthracene	140	D	1	5	20	ug/Kg
206-44-0	Fluoranthene	1000	ED	1.1	5	20	ug/Kg
129-00-0	Pyrene	680	ED	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	480	ED	0.57	5	20	ug/Kg
218-01-9	Chrysene	410	ED	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	790	ED	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	D	2	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	290	D	2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	D	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82	D	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	D	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.75		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2491		7.413			
1146-65-2	Naphthalene-d8	7053		10.21			
15067-26-2	Acenaphthene-d10	4197		14.058			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76DL	SDG No.:	BM062424
Lab Sample ID:	P2776-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.2
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
BM046265.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8455	16.803				
1719-03-5	Chrysene-d12	7153	21				
1520-96-3	Perylene-d12	8455	23.086				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C73DL	SDG No.:	BM062424
Lab Sample ID:	P2776-20DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.8
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
BM046266.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.1	U	6.1	0	46	ug/Kg
91-20-3	Naphthalene	37	D	1.4	5.6	22	ug/Kg
90-12-0	1-Methylnaphthalene	18	JD	3.5	5.6	22	ug/Kg
91-57-6	2-Methylnaphthalene	22	D	1.3	5.6	22	ug/Kg
208-96-8	Acenaphthylene	71	D	2.2	5.6	22	ug/Kg
83-32-9	Acenaphthene	69	D	1.2	5.6	22	ug/Kg
86-73-7	Fluorene	71	D	1.5	5.6	22	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.4	46	ug/Kg
85-01-8	Phenanthrene	1100	ED	1.2	5.6	22	ug/Kg
120-12-7	Anthracene	270	D	1.2	5.6	22	ug/Kg
206-44-0	Fluoranthene	1900	ED	1.2	5.6	22	ug/Kg
129-00-0	Pyrene	1200	ED	1.6	5.6	22	ug/Kg
56-55-3	Benzo(a)anthracene	870	ED	0.63	5.6	22	ug/Kg
218-01-9	Chrysene	720	ED	1.7	5.6	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	ED	3.2	5.6	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	390	ED	2.2	5.6	22	ug/Kg
50-32-8	Benzo(a)pyrene	460	ED	2.2	5.6	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290	D	3.5	5.6	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	D	3.2	5.6	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	D	5.1	5.6	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.43		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2599		7.413			
1146-65-2	Naphthalene-d8	7673		10.205			
15067-26-2	Acenaphthene-d10	4433		14.058			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C73DL	SDG No.:	BM062424
Lab Sample ID:	P2776-20DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.8
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
BM046266.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8921	16.804				
1719-03-5	Chrysene-d12	7380	20.997				
1520-96-3	Perylene-d12	8786	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA6DL	SDG No.:	BM062424
Lab Sample ID:	P2776-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.7
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
BM046267.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	6.1	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	0.97	U	0.97	4.5	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9	36	ug/Kg
85-01-8	Phenanthrene	32	D	0.97	4.5	18	ug/Kg
120-12-7	Anthracene	9.4	JD	0.92	4.5	18	ug/Kg
206-44-0	Fluoranthene	61	D	0.97	4.5	18	ug/Kg
129-00-0	Pyrene	53	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	29	D	0.5	4.5	18	ug/Kg
218-01-9	Chrysene	25	D	1.3	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	D	2.5	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	JD	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	33	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18	D	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5	JD	2.5	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	D	4	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.13		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2507		7.417			
1146-65-2	Naphthalene-d8	7029		10.222			
15067-26-2	Acenaphthene-d10	4120		14.067			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA6DL	SDG No.:	BM062424
Lab Sample ID:	P2776-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.7
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
BM046267.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7683	16.816				
1719-03-5	Chrysene-d12	6250	21.014				
1520-96-3	Perylene-d12	7138	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93DL	SDG No.:	BM062424
Lab Sample ID:	P2776-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046268.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	86	ug/Kg
91-20-3	Naphthalene	2.6	U	2.6	10.6	42	ug/Kg
90-12-0	1-Methylnaphthalene	6.7	U	6.7	10.6	42	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	U	2.4	10.6	42	ug/Kg
208-96-8	Acenaphthylene	9.4	JD	4.2	10.6	42	ug/Kg
83-32-9	Acenaphthene	2.3	U	2.3	10.6	42	ug/Kg
86-73-7	Fluorene	2.8	U	2.8	10.6	42	ug/Kg
87-86-5	Pentachlorophenol	26	U	26	21.5	86	ug/Kg
85-01-8	Phenanthrene	98	D	2.3	10.6	42	ug/Kg
120-12-7	Anthracene	24	JD	2.2	10.6	42	ug/Kg
206-44-0	Fluoranthene	240	D	2.3	10.6	42	ug/Kg
129-00-0	Pyrene	190	D	3.1	10.6	42	ug/Kg
56-55-3	Benzo(a)anthracene	97	D	1.2	10.6	42	ug/Kg
218-01-9	Chrysene	83	D	3.2	10.6	42	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	6	10.6	42	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	D	4.1	10.6	42	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	4.1	10.6	42	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	D	6.7	10.6	42	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15	JD	6	10.6	42	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	D	9.6	10.6	42	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.5		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2408		7.413			
1146-65-2	Naphthalene-d8	7078		10.215			
15067-26-2	Acenaphthene-d10	4023		14.066			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93DL	SDG No.:	BM062424
Lab Sample ID:	P2776-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046268.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7509	16.815				
1719-03-5	Chrysene-d12	5969	21.015				
1520-96-3	Perylene-d12	6778	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5DL	SDG No.:	BM062424
Lab Sample ID:	P2776-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046269.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	10	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	4.4	JD	0.98	4.5	18	ug/Kg
86-73-7	Fluorene	5.4	JD	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.1	36	ug/Kg
85-01-8	Phenanthrene	75	D	0.98	4.5	18	ug/Kg
120-12-7	Anthracene	20	D	0.92	4.5	18	ug/Kg
206-44-0	Fluoranthene	150	D	0.98	4.5	18	ug/Kg
129-00-0	Pyrene	100	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	74	D	0.51	4.5	18	ug/Kg
218-01-9	Chrysene	60	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	2.6	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	34	D	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	41	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	D	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	JD	2.6	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.3	JD	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.245		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	2448		7.413			
1146-65-2	Naphthalene-d8	7131		10.21			
15067-26-2	Acenaphthene-d10	4187		14.062			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5DL	SDG No.:	BM062424
Lab Sample ID:	P2776-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046269.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7957	16.812				
1719-03-5	Chrysene-d12	6612	21.008				
1520-96-3	Perylene-d12	8102	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7DL	SDG No.:	BM062424
Lab Sample ID:	P2776-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
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
BM046270.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

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	8	JD	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	U	3.1	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	5.9	JD	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	77	D	1.1	4.8	19	ug/Kg
86-73-7	Fluorene	82	D	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.8	39	ug/Kg
85-01-8	Phenanthrene	850	ED	1.1	4.8	19	ug/Kg
120-12-7	Anthracene	270	D	1	4.8	19	ug/Kg
206-44-0	Fluoranthene	900	ED	1.1	4.8	19	ug/Kg
129-00-0	Pyrene	690	ED	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	350	ED	0.55	4.8	19	ug/Kg
218-01-9	Chrysene	230	D	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	ED	2.8	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	320	ED	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	3.1	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	D	2.8	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.94		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2959		7.404			
1146-65-2	Naphthalene-d8	9080		10.204			
15067-26-2	Acenaphthene-d10	5158		14.061			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7DL	SDG No.:	BM062424
Lab Sample ID:	P2776-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
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
BM046270.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10292	16.802				
1719-03-5	Chrysene-d12	8170	21.003				
1520-96-3	Perylene-d12	9479	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9DL	SDG No.:	BM062424
Lab Sample ID:	P2776-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046271.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

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	1.4	U	1.4	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	U	3.7	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	U	1.3	5.8	23	ug/Kg
208-96-8	Acenaphthylene	8	JD	2.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	5.9	JD	1.3	5.8	23	ug/Kg
86-73-7	Fluorene	5.7	JD	1.6	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.8	47	ug/Kg
85-01-8	Phenanthrene	78	D	1.3	5.8	23	ug/Kg
120-12-7	Anthracene	18	JD	1.2	5.8	23	ug/Kg
206-44-0	Fluoranthene	110	D	1.3	5.8	23	ug/Kg
129-00-0	Pyrene	100	D	1.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	48	D	0.66	5.8	23	ug/Kg
218-01-9	Chrysene	41	D	1.8	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	69	D	3.3	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	25	D	2.3	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	54	D	2.3	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25	D	3.7	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.5	JD	3.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	D	5.3	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.02		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2455		7.417			
1146-65-2	Naphthalene-d8	7081		10.22			
15067-26-2	Acenaphthene-d10	4177		14.066			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9DL	SDG No.:	BM062424
Lab Sample ID:	P2776-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046271.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7817	16.815				
1719-03-5	Chrysene-d12	6198	21.018				
1520-96-3	Perylene-d12	6789	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74DL	SDG No.:	BM062424
Lab Sample ID:	P2776-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	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
BM046272.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.4	18	ug/Kg
208-96-8	Acenaphthylene	5.5	JD	1.8	4.4	18	ug/Kg
83-32-9	Acenaphthene	0.96	U	0.96	4.4	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9	36	ug/Kg
85-01-8	Phenanthrene	26	D	0.96	4.4	18	ug/Kg
120-12-7	Anthracene	8.6	JD	0.91	4.4	18	ug/Kg
206-44-0	Fluoranthene	54	D	0.96	4.4	18	ug/Kg
129-00-0	Pyrene	48	D	1.3	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	27	D	0.5	4.4	18	ug/Kg
218-01-9	Chrysene	23	D	1.3	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	D	2.5	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	JD	1.7	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	33	D	1.7	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18	D	2.8	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.7	JD	2.5	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	D	4	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.945		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2275		7.413			
1146-65-2	Naphthalene-d8	6863		10.215			
15067-26-2	Acenaphthene-d10	4027		14.066			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74DL	SDG No.:	BM062424
Lab Sample ID:	P2776-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	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
BM046272.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7668	16.815				
1719-03-5	Chrysene-d12	6130	21.012				
1520-96-3	Perylene-d12	6479	23.093				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SBLK516	SDG No.:	BM062424
Lab Sample ID:	PB161516BL	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
BM046274.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161516

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	4.594		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.259		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2693	7.4				
1146-65-2	Naphthalene-d8	8402	10.167				
15067-26-2	Acenaphthene-d10	4572	14.049				

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:	SBLK516	SDG No.:	BM062424
Lab Sample ID:	PB161516BL	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
BM046274.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9683	16.795				
1719-03-5	Chrysene-d12	6593	21.029				
1520-96-3	Perylene-d12	5615	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8DL	SDG No.:	BM062424
Lab Sample ID:	P2776-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.5
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
BM046275.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5	U	9.5	0	72	ug/Kg
91-20-3	Naphthalene	11	JD	2.1	8.8	35	ug/Kg
90-12-0	1-Methylnaphthalene	5.6	U	5.6	8.8	35	ug/Kg
91-57-6	2-Methylnaphthalene	2	U	2	8.8	35	ug/Kg
208-96-8	Acenaphthylene	26	JD	3.5	8.8	35	ug/Kg
83-32-9	Acenaphthene	23	JD	1.9	8.8	35	ug/Kg
86-73-7	Fluorene	25	JD	2.4	8.8	35	ug/Kg
87-86-5	Pentachlorophenol	21	U	21	18	72	ug/Kg
85-01-8	Phenanthrene	350	D	1.9	8.8	35	ug/Kg
120-12-7	Anthracene	97	D	1.8	8.8	35	ug/Kg
206-44-0	Fluoranthene	640	ED	1.9	8.8	35	ug/Kg
129-00-0	Pyrene	420	D	2.6	8.8	35	ug/Kg
56-55-3	Benzo(a)anthracene	290	D	1	8.8	35	ug/Kg
218-01-9	Chrysene	230	D	2.7	8.8	35	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	D	5	8.8	35	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	3.4	8.8	35	ug/Kg
50-32-8	Benzo(a)pyrene	160	D	3.4	8.8	35	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	D	5.6	8.8	35	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	D	5	8.8	35	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	8	8.8	35	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.135		15-120		39	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	2467	7.413				
1146-65-2	Naphthalene-d8	6918	10.22				
15067-26-2	Acenaphthene-d10	4079	14.066				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8DL	SDG No.:	BM062424
Lab Sample ID:	P2776-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	53.5
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
BM046275.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7781	16.811				
1719-03-5	Chrysene-d12	6351	21.006				
1520-96-3	Perylene-d12	7308	23.095				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94DL	SDG No.:	BM062424
Lab Sample ID:	P2776-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046276.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	52	ug/Kg
91-20-3	Naphthalene	17	JD	1.5	6.3	25	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	JD	4	6.3	25	ug/Kg
91-57-6	2-Methylnaphthalene	10	JD	1.5	6.3	25	ug/Kg
208-96-8	Acenaphthylene	24	JD	2.5	6.3	25	ug/Kg
83-32-9	Acenaphthene	36	D	1.4	6.3	25	ug/Kg
86-73-7	Fluorene	40	D	1.7	6.3	25	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	12.9	52	ug/Kg
85-01-8	Phenanthrene	500	ED	1.4	6.3	25	ug/Kg
120-12-7	Anthracene	130	D	1.3	6.3	25	ug/Kg
206-44-0	Fluoranthene	710	ED	1.4	6.3	25	ug/Kg
129-00-0	Pyrene	450	ED	1.8	6.3	25	ug/Kg
56-55-3	Benzo(a)anthracene	330	D	0.72	6.3	25	ug/Kg
218-01-9	Chrysene	250	D	1.9	6.3	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	ED	3.6	6.3	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	2.5	6.3	25	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	2.5	6.3	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	D	4	6.3	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	D	3.6	6.3	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	5.8	6.3	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.055		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2381		7.417			
1146-65-2	Naphthalene-d8	6594		10.222			
15067-26-2	Acenaphthene-d10	3903		14.063			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94DL	SDG No.:	BM062424
Lab Sample ID:	P2776-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	35.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046276.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7928	16.804				
1719-03-5	Chrysene-d12	6739	21.003				
1520-96-3	Perylene-d12	7524	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA0DL	SDG No.:	BM062424
Lab Sample ID:	P2776-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.9
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
BM046277.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

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	7	JD	1.4	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	U	3.7	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	U	1.3	5.8	23	ug/Kg
208-96-8	Acenaphthylene	16	JD	2.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	12	JD	1.3	5.8	23	ug/Kg
86-73-7	Fluorene	13	JD	1.5	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.8	47	ug/Kg
85-01-8	Phenanthrene	190	D	1.3	5.8	23	ug/Kg
120-12-7	Anthracene	53	D	1.2	5.8	23	ug/Kg
206-44-0	Fluoranthene	340	D	1.3	5.8	23	ug/Kg
129-00-0	Pyrene	230	D	1.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	170	D	0.65	5.8	23	ug/Kg
218-01-9	Chrysene	130	D	1.8	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	D	3.3	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	D	2.3	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	90	D	2.3	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	D	3.7	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	24	D	3.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10	JD	5.3	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.605		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	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	2531		7.413			
1146-65-2	Naphthalene-d8	7205		10.216			
15067-26-2	Acenaphthene-d10	4220		14.067			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA0DL	SDG No.:	BM062424
Lab Sample ID:	P2776-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.9
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
BM046277.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8085	16.808				
1719-03-5	Chrysene-d12	6588	21.009				
1520-96-3	Perylene-d12	7409	23.092				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C71DL	SDG No.:	BM062424
Lab Sample ID:	P2776-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046278.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	37	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.6	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	U	2.9	4.6	18	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.6	18	ug/Kg
208-96-8	Acenaphthylene	9.1	JD	1.8	4.6	18	ug/Kg
83-32-9	Acenaphthene	1	U	1	4.6	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.6	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.3	37	ug/Kg
85-01-8	Phenanthrene	49	D	1	4.6	18	ug/Kg
120-12-7	Anthracene	16	JD	0.95	4.6	18	ug/Kg
206-44-0	Fluoranthene	97	D	1	4.6	18	ug/Kg
129-00-0	Pyrene	67	D	1.3	4.6	18	ug/Kg
56-55-3	Benzo(a)anthracene	48	D	0.52	4.6	18	ug/Kg
218-01-9	Chrysene	37	D	1.4	4.6	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	D	2.6	4.6	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	26	D	1.8	4.6	18	ug/Kg
50-32-8	Benzo(a)pyrene	26	D	1.8	4.6	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17	JD	2.9	4.6	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.2	JD	2.6	4.6	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.2	U	4.2	4.6	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.285		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2283		7.413			
1146-65-2	Naphthalene-d8	6326		10.227			
15067-26-2	Acenaphthene-d10	3791		14.067			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C71DL	SDG No.:	BM062424
Lab Sample ID:	P2776-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046278.D	5	6/12/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7312	16.812				
1719-03-5	Chrysene-d12	5845	21.014				
1520-96-3	Perylene-d12	6900	23.098				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C81	SDG No.:	BM062424
Lab Sample ID:	P2844-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046279.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.96	J	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	1.4	J	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	2.9	J	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	2.8	J	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	28		0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	9.8		0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	37		0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	30		0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	12		0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	24		0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.4		0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	19		0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.3		0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	J	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.7		0.87	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.039		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.258		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.224		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2527		7.4			
1146-65-2	Naphthalene-d8	7820		10.171			
15067-26-2	Acenaphthene-d10	4136		14.047			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C81	SDG No.:	BM062424
Lab Sample ID:	P2844-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.7
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
BM046279.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8768	16.794				
1719-03-5	Chrysene-d12	6481	21.009				
1520-96-3	Perylene-d12	6284	23.093				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C83	SDG No.:	BM062424
Lab Sample ID:	P2844-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
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
BM046280.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	0.84	J	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	3.2	J	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.94	J	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	1.5	J	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	25		0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	6		0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	58	E	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	47		0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	25		0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	21		0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17		0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.5		0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.3		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.273		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.241		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2067	7.4				
1146-65-2	Naphthalene-d8	6212	10.172				
15067-26-2	Acenaphthene-d10	3420	14.049				

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C83	SDG No.:	BM062424
Lab Sample ID:	P2844-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
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
BM046280.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7116	16.795				
1719-03-5	Chrysene-d12	5260	21.008				
1520-96-3	Perylene-d12	5558	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C84	SDG No.:	BM062424
Lab Sample ID:	P2844-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.2
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
BM046281.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

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	3.7	J	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	1.2	J	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	6.7		0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	6.5		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.3	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	3.1	J	0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.3		0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.5	J	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	5		0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3	J	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	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	3.442		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.299		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2151		7.4			
1146-65-2	Naphthalene-d8	6528		10.171			
15067-26-2	Acenaphthene-d10	3480		14.047			

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C84	SDG No.:	BM062424
Lab Sample ID:	P2844-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.2
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
BM046281.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7427	16.794				
1719-03-5	Chrysene-d12	5675	21.015				
1520-96-3	Perylene-d12	4753	23.089				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BQ3								
P2775-01	A4BQ3	Solid	Total Alkanes	*	0.000	1.8	14	ug/Kg
			Total Tics :			0.00		
P2775-01	A4BQ3	Solid	1-Methylnaphthalene		7.300	1.1	6.8	ug/Kg
P2775-01	A4BQ3	Solid	2-Methylnaphthalene		9.500	0.39	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Acenaphthene		34.000	0.37	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Acenaphthylene		40.000	0.68	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Anthracene		120.000	E 0.35	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(a)anthracene		490.000	E 0.19	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(a)pyrene		320.000	E 0.65	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(b)fluoranthene		780.000	E 0.96	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(g,h,i)perylene		32.000	1.5	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(k)fluoranthene		260.000	E 0.65	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Chrysene		440.000	E 0.51	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Dibenzo(a,h)anthracene		82.000	0.96	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Fluoranthene		1,000.000	E 0.37	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Fluorene		36.000	0.45	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Indeno(1,2,3-cd)pyrene		210.000	E 1.1	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Naphthalene		17.000	0.41	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Phenanthrene		500.000	E 0.37	6.8	ug/Kg
P2775-01	A4BQ3	Solid	Pyrene		690.000	E 0.49	6.8	ug/Kg
			Total Svoc :			5,067.80		
			Total Concentration:			5,067.80		
Client ID : A4BQ3DL								
P2775-01DL	A4BQ3DL	Solid	Total Alkanes	*	0.000	D 9.1	69	ug/Kg
			Total Tics :			0.00		
P2775-01DL	A4BQ3DL	Solid	1-Methylnaphthalene		9.900	JD 5.3	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	2-Methylnaphthalene		9.900	JD 1.9	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Acenaphthene		36.000	D 1.8	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Acenaphthylene		44.000	D 3.4	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Anthracene		140.000	D 1.7	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Benzo(a)anthracene		540.000	D 0.95	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Benzo(a)pyrene		330.000	D 3.3	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Benzo(b)fluoranthene		780.000	ED 4.8	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Benzo(g,h,i)perylene		33.000	JD 7.7	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Benzo(k)fluoranthene		250.000	D 3.3	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Chrysene		420.000	D 2.6	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Dibenzo(a,h)anthracene		79.000	D 4.8	34	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-01DL	A4BQ3DL	Solid	Fluoranthene	1,100.000	ED	1.8	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Fluorene	39.000	D	2.3	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Indeno(1,2,3-cd)pyrene	210.000	D	5.3	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Naphthalene	18.000	JD	2	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Phenanthrene	560.000	ED	1.8	34	ug/Kg
P2775-01DL	A4BQ3DL	Solid	Pyrene	770.000	ED	2.5	34	ug/Kg
Total Svoc :				5,368.80				
Total Concentration:				5,368.80				
Client ID : A4CY6								
P2776-01	A4CY6	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P2776-01	A4CY6	Solid	1-Methylnaphthalene	2.200	J	0.66	4.2	ug/Kg
P2776-01	A4CY6	Solid	2-Methylnaphthalene	3.100	J	0.24	4.2	ug/Kg
P2776-01	A4CY6	Solid	Acenaphthene	6.800		0.23	4.2	ug/Kg
P2776-01	A4CY6	Solid	Acenaphthylene	11.000		0.42	4.2	ug/Kg
P2776-01	A4CY6	Solid	Anthracene	27.000		0.22	4.2	ug/Kg
P2776-01	A4CY6	Solid	Benzo(a)anthracene	92.000	E	0.12	4.2	ug/Kg
P2776-01	A4CY6	Solid	Benzo(a)pyrene	120.000	E	0.4	4.2	ug/Kg
P2776-01	A4CY6	Solid	Benzo(b)fluoranthene	140.000	E	0.59	4.2	ug/Kg
P2776-01	A4CY6	Solid	Benzo(g,h,i)perylene	18.000		0.95	4.2	ug/Kg
P2776-01	A4CY6	Solid	Benzo(k)fluoranthene	45.000		0.4	4.2	ug/Kg
P2776-01	A4CY6	Solid	Chrysene	70.000	E	0.32	4.2	ug/Kg
P2776-01	A4CY6	Solid	Dibenzo(a,h)anthracene	15.000		0.59	4.2	ug/Kg
P2776-01	A4CY6	Solid	Fluoranthene	180.000	E	0.23	4.2	ug/Kg
P2776-01	A4CY6	Solid	Fluorene	7.400		0.28	4.2	ug/Kg
P2776-01	A4CY6	Solid	Indeno(1,2,3-cd)pyrene	54.000		0.66	4.2	ug/Kg
P2776-01	A4CY6	Solid	Naphthalene	5.400		0.25	4.2	ug/Kg
P2776-01	A4CY6	Solid	Phenanthrene	93.000	E	0.23	4.2	ug/Kg
P2776-01	A4CY6	Solid	Pyrene	170.000	E	0.3	4.2	ug/Kg
Total Svoc :				1,059.90				
Total Concentration:				1,059.90				
Client ID : A4CY6DL								
P2776-01DL	A4CY6DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
Total Tics :				0.00				
P2776-01DL	A4CY6DL	Solid	Acenaphthene	7.800	JD	1.1	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Acenaphthylene	13.000	JD	2.1	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Anthracene	32.000	D	1.1	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Benzo(a)anthracene	92.000	D	0.59	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Benzo(a)pyrene	130.000	D	2	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Benzo(b)fluoranthene	140.000	D	3	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-01DL	A4CY6DL	Solid	Benzo(g,h,i)perylene	18.000	JD	4.7	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Benzo(k)fluoranthene	44.000	D	2	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Chrysene	76.000	D	1.6	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Dibenzo(a,h)anthracene	14.000	JD	3	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Fluoranthene	180.000	D	1.1	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Fluorene	8.000	JD	1.4	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Indeno(1,2,3-cd)pyrene	51.000	D	3.3	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Naphthalene	5.700	JD	1.3	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Phenanthrene	100.000	D	1.1	21	ug/Kg
P2776-01DL	A4CY6DL	Solid	Pyrene	200.000	D	1.5	21	ug/Kg
Total Svoc :				1,111.50				
Total Concentration:				1,111.50				
Client ID : A4B93DL								
P2776-05DL	A4B93DL	Solid	Total Alkanes	*	0.000	D 11	86	ug/Kg
Total Tics :				0.00				
P2776-05DL	A4B93DL	Solid	Acenaphthylene	9.400	JD	4.2	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Anthracene	24.000	JD	2.2	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Benzo(a)anthracene	97.000	D	1.2	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Benzo(a)pyrene	110.000	D	4.1	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Benzo(b)fluoranthene	160.000	D	6	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Benzo(g,h,i)perylene	65.000	D	9.6	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Benzo(k)fluoranthene	53.000	D	4.1	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Chrysene	83.000	D	3.2	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Dibenzo(a,h)anthracene	15.000	JD	6	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Fluoranthene	240.000	D	2.3	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Indeno(1,2,3-cd)pyrene	54.000	D	6.7	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Phenanthrene	98.000	D	2.3	42	ug/Kg
P2776-05DL	A4B93DL	Solid	Pyrene	190.000	D	3.1	42	ug/Kg
Total Svoc :				1,198.40				
Total Concentration:				1,198.40				
Client ID : A4B94DL								
P2776-06DL	A4B94DL	Solid	Total Alkanes	*	0.000	D 6.8	52	ug/Kg
Total Tics :				0.00				
P2776-06DL	A4B94DL	Solid	1-Methylnaphthalene	8.500	JD	4	25	ug/Kg
P2776-06DL	A4B94DL	Solid	2-Methylnaphthalene	10.000	JD	1.5	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Acenaphthene	36.000	D	1.4	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Acenaphthylene	24.000	JD	2.5	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Anthracene	130.000	D	1.3	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Benzo(a)anthracene	330.000	D	0.72	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Benzo(a)pyrene	130.000	D	2.5	25	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-06DL	A4B94DL	Solid	Benzo(b)fluoranthene	430.000	ED	3.6	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Benzo(g,h,i)perylene	14.000	JD	5.8	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Benzo(k)fluoranthene	130.000	D	2.5	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Chrysene	250.000	D	1.9	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Dibenzo(a,h)anthracene	39.000	D	3.6	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Fluoranthene	710.000	ED	1.4	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Fluorene	40.000	D	1.7	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Indeno(1,2,3-cd)pyrene	81.000	D	4	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Naphthalene	17.000	JD	1.5	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Phenanthrene	500.000	ED	1.4	25	ug/Kg
P2776-06DL	A4B94DL	Solid	Pyrene	450.000	ED	1.8	25	ug/Kg
Total Svoc :				3,329.50				
Total Concentration:				3,329.50				
Client ID :	A4B95DL							
P2776-07DL	A4B95DL	Solid	Total Alkanes	*	0.000	D 6.1	46	ug/Kg
Total Tics :				0.00				
P2776-07DL	A4B95DL	Solid	Acenaphthylene	5.300	JD	2.3	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Anthracene	13.000	JD	1.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Benzo(a)anthracene	48.000	D	0.64	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Benzo(a)pyrene	23.000	D	2.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Benzo(b)fluoranthene	81.000	D	3.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Benzo(k)fluoranthene	28.000	D	2.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Chrysene	43.000	D	1.7	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Dibenzo(a,h)anthracene	8.200	JD	3.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Fluoranthene	110.000	D	1.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Indeno(1,2,3-cd)pyrene	16.000	JD	3.6	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Phenanthrene	45.000	D	1.2	23	ug/Kg
P2776-07DL	A4B95DL	Solid	Pyrene	60.000	D	1.6	23	ug/Kg
Total Svoc :				480.50				
Total Concentration:				480.50				
Client ID :	A4CA0DL							
P2776-08DL	A4CA0DL	Solid	Total Alkanes	*	0.000	D 6.3	47	ug/Kg
Total Tics :				0.00				
P2776-08DL	A4CA0DL	Solid	Acenaphthene	12.000	JD	1.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Acenaphthylene	16.000	JD	2.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Anthracene	53.000	D	1.2	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Benzo(a)anthracene	170.000	D	0.65	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Benzo(a)pyrene	90.000	D	2.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Benzo(b)fluoranthene	240.000	D	3.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Benzo(g,h,i)perylene	10.000	JD	5.3	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-08DL	A4CA0DL	Solid	Benzo(k)fluoranthene	84.000	D	2.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Chrysene	130.000	D	1.8	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Dibenzo(a,h)anthracene	24.000	D	3.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Fluoranthene	340.000	D	1.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Fluorene	13.000	JD	1.5	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Indeno(1,2,3-cd)pyrene	56.000	D	3.7	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Naphthalene	7.000	JD	1.4	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Phenanthrene	190.000	D	1.3	23	ug/Kg
P2776-08DL	A4CA0DL	Solid	Pyrene	230.000	D	1.7	23	ug/Kg
Total Svoc :				1,665.00				
Total Concentration:				1,665.00				
Client ID : A4CA5DL								
P2776-10DL	A4CA5DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
Total Tics :				0.00				
P2776-10DL	A4CA5DL	Solid	Acenaphthene	4.400	JD	0.98	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Acenaphthylene	10.000	JD	1.8	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Anthracene	20.000	D	0.92	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Benzo(a)anthracene	74.000	D	0.51	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Benzo(a)pyrene	41.000	D	1.7	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Benzo(b)fluoranthene	120.000	D	2.6	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Benzo(g,h,i)perylene	6.300	JD	4.1	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Benzo(k)fluoranthene	34.000	D	1.7	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Chrysene	60.000	D	1.4	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Dibenzo(a,h)anthracene	13.000	JD	2.6	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Fluoranthene	150.000	D	0.98	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Fluorene	5.400	JD	1.2	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Indeno(1,2,3-cd)pyrene	33.000	D	2.8	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Phenanthrene	75.000	D	0.98	18	ug/Kg
P2776-10DL	A4CA5DL	Solid	Pyrene	100.000	D	1.3	18	ug/Kg
Total Svoc :				746.10				
Total Concentration:				746.10				
Client ID : A4CA6DL								
P2776-11DL	A4CA6DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
Total Tics :				0.00				
P2776-11DL	A4CA6DL	Solid	Acenaphthylene	6.100	JD	1.8	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Anthracene	9.400	JD	0.92	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Benzo(a)anthracene	29.000	D	0.5	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Benzo(a)pyrene	33.000	D	1.7	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Benzo(b)fluoranthene	51.000	D	2.5	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Benzo(g,h,i)perylene	22.000	D	4	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-11DL	A4CA6DL	Solid	Benzo(k)fluoranthene	16.000	JD	1.7	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Chrysene	25.000	D	1.3	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Dibenzo(a,h)anthracene	5.000	JD	2.5	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Fluoranthene	61.000	D	0.97	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Indeno(1,2,3-cd)pyrene	18.000	D	2.8	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Phenanthrene	32.000	D	0.97	18	ug/Kg
P2776-11DL	A4CA6DL	Solid	Pyrene	53.000	D	1.3	18	ug/Kg
Total Svoc :				360.50				
Total Concentration:				360.50				
Client ID : A4CA7DL								
P2776-12DL	A4CA7DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P2776-12DL	A4CA7DL	Solid	Acenaphthene	77.000	D	1.1	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Acenaphthylene	5.900	JD	1.9	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Anthracene	270.000	D	1	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Benzo(a)anthracene	350.000	ED	0.55	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Benzo(a)pyrene	320.000	ED	1.9	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Benzo(b)fluoranthene	380.000	ED	2.8	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Benzo(g,h,i)perylene	190.000	D	4.4	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Benzo(k)fluoranthene	140.000	D	1.9	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Chrysene	230.000	D	1.5	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Dibenzo(a,h)anthracene	37.000	D	2.8	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Fluoranthene	900.000	ED	1.1	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Fluorene	82.000	D	1.3	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Indeno(1,2,3-cd)pyrene	150.000	D	3.1	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Naphthalene	8.000	JD	1.2	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Phenanthrene	850.000	ED	1.1	19	ug/Kg
P2776-12DL	A4CA7DL	Solid	Pyrene	690.000	ED	1.4	19	ug/Kg
Total Svoc :				4,679.90				
Total Concentration:				4,679.90				
Client ID : A4CA8DL								
P2776-13DL	A4CA8DL	Solid	Total Alkanes	*	0.000	D 9.5	72	ug/Kg
Total Tics :				0.00				
P2776-13DL	A4CA8DL	Solid	Acenaphthene	23.000	JD	1.9	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Acenaphthylene	26.000	JD	3.5	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Anthracene	97.000	D	1.8	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Benzo(a)anthracene	290.000	D	1	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Benzo(a)pyrene	160.000	D	3.4	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Benzo(b)fluoranthene	430.000	D	5	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Benzo(g,h,i)perylene	19.000	JD	8	35	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-13DL	A4CA8DL	Solid	Benzo(k)fluoranthene	150.000	D	3.4	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Chrysene	230.000	D	2.7	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Dibenzo(a,h)anthracene	43.000	D	5	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Fluoranthene	640.000	ED	1.9	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Fluorene	25.000	JD	2.4	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Indeno(1,2,3-cd)pyrene	100.000	D	5.6	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Naphthalene	11.000	JD	2.1	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Phenanthrene	350.000	D	1.9	35	ug/Kg
P2776-13DL	A4CA8DL	Solid	Pyrene	420.000	D	2.6	35	ug/Kg
Total Svoc :				3,014.00				
Total Concentration:				3,014.00				
Client ID : A4CA9DL								
P2776-14DL	A4CA9DL	Solid	Total Alkanes	*	0.000	D 6.3	47	ug/Kg
Total Tics :				0.00				
P2776-14DL	A4CA9DL	Solid	Acenaphthene	5.900	JD	1.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Acenaphthylene	8.000	JD	2.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Anthracene	18.000	JD	1.2	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Benzo(a)anthracene	48.000	D	0.66	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Benzo(a)pyrene	54.000	D	2.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Benzo(b)fluoranthene	69.000	D	3.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Benzo(g,h,i)perylene	31.000	D	5.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Benzo(k)fluoranthene	25.000	D	2.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Chrysene	41.000	D	1.8	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Dibenzo(a,h)anthracene	7.500	JD	3.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Fluoranthene	110.000	D	1.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Fluorene	5.700	JD	1.6	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Indeno(1,2,3-cd)pyrene	25.000	D	3.7	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Phenanthrene	78.000	D	1.3	23	ug/Kg
P2776-14DL	A4CA9DL	Solid	Pyrene	100.000	D	1.7	23	ug/Kg
Total Svoc :				626.10				
Total Concentration:				626.10				
Client ID : A4C71DL								
P2776-18DL	A4C71DL	Solid	Total Alkanes	*	0.000	D 5	37	ug/Kg
Total Tics :				0.00				
P2776-18DL	A4C71DL	Solid	Acenaphthylene	9.100	JD	1.8	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Anthracene	16.000	JD	0.95	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Benzo(a)anthracene	48.000	D	0.52	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Benzo(a)pyrene	26.000	D	1.8	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Benzo(b)fluoranthene	68.000	D	2.6	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Benzo(k)fluoranthene	26.000	D	1.8	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-18DL	A4C71DL	Solid	Chrysene	37.000	D	1.4	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Dibenzo(a,h)anthracene	7.200	JD	2.6	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Fluoranthene	97.000	D	1	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Indeno(1,2,3-cd)pyrene	17.000	JD	2.9	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Phenanthrene	49.000	D	1	18	ug/Kg
P2776-18DL	A4C71DL	Solid	Pyrene	67.000	D	1.3	18	ug/Kg
Total Svoc :				467.30				
Total Concentration:				467.30				
Client ID :	A4C72DL							
P2776-19DL	A4C72DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
Total Tics :				0.00				
P2776-19DL	A4C72DL	Solid	Acenaphthylene	5.000	JD	1.8	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Anthracene	7.400	JD	0.92	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Benzo(a)anthracene	27.000	D	0.5	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Benzo(a)pyrene	18.000	D	1.7	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Benzo(b)fluoranthene	39.000	D	2.5	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Benzo(g,h,i)perylene	4.500	JD	4.1	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Benzo(k)fluoranthene	14.000	JD	1.7	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Chrysene	20.000	D	1.4	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Dibenzo(a,h)anthracene	4.300	JD	2.5	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Fluoranthene	46.000	D	0.97	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Indeno(1,2,3-cd)pyrene	12.000	JD	2.8	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Phenanthrene	21.000	D	0.97	18	ug/Kg
P2776-19DL	A4C72DL	Solid	Pyrene	39.000	D	1.3	18	ug/Kg
Total Svoc :				257.20				
Total Concentration:				257.20				
Client ID :	A4C73DL							
P2776-20DL	A4C73DL	Solid	Total Alkanes	*	0.000	D 6.1	46	ug/Kg
Total Tics :				0.00				
P2776-20DL	A4C73DL	Solid	1-Methylnaphthalene	18.000	JD	3.5	22	ug/Kg
P2776-20DL	A4C73DL	Solid	2-Methylnaphthalene	22.000	D	1.3	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Acenaphthene	69.000	D	1.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Acenaphthylene	71.000	D	2.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Anthracene	270.000	D	1.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Benzo(a)anthracene	870.000	ED	0.63	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Benzo(a)pyrene	460.000	ED	2.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Benzo(b)fluoranthene	1,200.000	ED	3.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Benzo(g,h,i)perylene	49.000	D	5.1	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Benzo(k)fluoranthene	390.000	ED	2.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Chrysene	720.000	ED	1.7	22	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-20DL	A4C73DL	Solid	Dibenzo(a,h)anthracene	120.000	D	3.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Fluoranthene	1,900.000	ED	1.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Fluorene	71.000	D	1.5	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Indeno(1,2,3-cd)pyrene	290.000	D	3.5	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Naphthalene	37.000	D	1.4	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Phenanthrene	1,100.000	ED	1.2	22	ug/Kg
P2776-20DL	A4C73DL	Solid	Pyrene	1,200.000	ED	1.6	22	ug/Kg
Total Svoc :				8,857.00				
Total Concentration:				8,857.00				
Client ID : A4C74DL								
P2776-21DL	A4C74DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
Total Tics :				0.00				
P2776-21DL	A4C74DL	Solid	Acenaphthylene	5.500	JD	1.8	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Anthracene	8.600	JD	0.91	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Benzo(a)anthracene	27.000	D	0.5	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Benzo(a)pyrene	33.000	D	1.7	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Benzo(b)fluoranthene	46.000	D	2.5	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Benzo(g,h,i)perylene	22.000	D	4	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Benzo(k)fluoranthene	16.000	JD	1.7	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Chrysene	23.000	D	1.3	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Dibenzo(a,h)anthracene	5.700	JD	2.5	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Fluoranthene	54.000	D	0.96	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Indeno(1,2,3-cd)pyrene	18.000	D	2.8	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Phenanthrene	26.000	D	0.96	18	ug/Kg
P2776-21DL	A4C74DL	Solid	Pyrene	48.000	D	1.3	18	ug/Kg
Total Svoc :				332.80				
Total Concentration:				332.80				
Client ID : A4C76DL								
P2776-22DL	A4C76DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P2776-22DL	A4C76DL	Solid	1-Methylnaphthalene	9.800	JD	3.2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	2-Methylnaphthalene	14.000	JD	1.2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Acenaphthene	28.000	D	1.1	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Acenaphthylene	71.000	D	2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Anthracene	140.000	D	1	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Benzo(a)anthracene	480.000	ED	0.57	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Benzo(a)pyrene	290.000	D	2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Benzo(b)fluoranthene	790.000	ED	2.9	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Benzo(g,h,i)perylene	35.000	D	4.6	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Benzo(k)fluoranthene	230.000	D	2	20	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-22DL	A4C76DL	Solid	Chrysene	410.000	ED	1.5	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Dibenzo(a,h)anthracene	82.000	D	2.9	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Fluoranthene	1,000.000	ED	1.1	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Fluorene	34.000	D	1.3	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Indeno(1,2,3-cd)pyrene	200.000	D	3.2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Naphthalene	21.000	D	1.2	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Phenanthrene	510.000	ED	1.1	20	ug/Kg
P2776-22DL	A4C76DL	Solid	Pyrene	680.000	ED	1.5	20	ug/Kg
Total Svoc :				5,024.80				
Total Concentration:				5,024.80				
Client ID :	A4C81							
P2844-04	A4C81	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P2844-04	A4C81	Solid	Acenaphthene	2.900	J	0.21	3.8	ug/Kg
P2844-04	A4C81	Solid	Acenaphthylene	1.400	J	0.38	3.8	ug/Kg
P2844-04	A4C81	Solid	Anthracene	9.800		0.2	3.8	ug/Kg
P2844-04	A4C81	Solid	Benzo(a)anthracene	17.000		0.11	3.8	ug/Kg
P2844-04	A4C81	Solid	Benzo(a)pyrene	19.000		0.37	3.8	ug/Kg
P2844-04	A4C81	Solid	Benzo(b)fluoranthene	24.000		0.54	3.8	ug/Kg
P2844-04	A4C81	Solid	Benzo(g,h,i)perylene	9.700		0.87	3.8	ug/Kg
P2844-04	A4C81	Solid	Benzo(k)fluoranthene	9.400		0.37	3.8	ug/Kg
P2844-04	A4C81	Solid	Chrysene	12.000		0.29	3.8	ug/Kg
P2844-04	A4C81	Solid	Dibenzo(a,h)anthracene	2.500	J	0.54	3.8	ug/Kg
P2844-04	A4C81	Solid	Fluoranthene	37.000		0.21	3.8	ug/Kg
P2844-04	A4C81	Solid	Fluorene	2.800	J	0.25	3.8	ug/Kg
P2844-04	A4C81	Solid	Indeno(1,2,3-cd)pyrene	8.300		0.6	3.8	ug/Kg
P2844-04	A4C81	Solid	Naphthalene	0.960	J	0.23	3.8	ug/Kg
P2844-04	A4C81	Solid	Phenanthrene	28.000		0.21	3.8	ug/Kg
P2844-04	A4C81	Solid	Pyrene	30.000		0.28	3.8	ug/Kg
Total Svoc :				214.76				
Total Concentration:				214.76				
Client ID :	A4C83							
P2844-05	A4C83	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :				0.00				
P2844-05	A4C83	Solid	Acenaphthene	0.940	J	0.2	3.6	ug/Kg
P2844-05	A4C83	Solid	Acenaphthylene	3.200	J	0.36	3.6	ug/Kg
P2844-05	A4C83	Solid	Anthracene	6.000		0.19	3.6	ug/Kg
P2844-05	A4C83	Solid	Benzo(a)anthracene	25.000		0.1	3.6	ug/Kg
P2844-05	A4C83	Solid	Benzo(a)pyrene	30.000		0.35	3.6	ug/Kg
P2844-05	A4C83	Solid	Benzo(b)fluoranthene	45.000		0.51	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2844-05	A4C83	Solid	Benzo(g,h,i)perylene	20.000		0.82	3.6	ug/Kg
P2844-05	A4C83	Solid	Benzo(k)fluoranthene	15.000		0.35	3.6	ug/Kg
P2844-05	A4C83	Solid	Chrysene	21.000		0.27	3.6	ug/Kg
P2844-05	A4C83	Solid	Dibenzo(a,h)anthracene	4.500		0.51	3.6	ug/Kg
P2844-05	A4C83	Solid	Fluoranthene	58.000	E	0.2	3.6	ug/Kg
P2844-05	A4C83	Solid	Fluorene	1.500	J	0.24	3.6	ug/Kg
P2844-05	A4C83	Solid	Indeno(1,2,3-cd)pyrene	17.000		0.57	3.6	ug/Kg
P2844-05	A4C83	Solid	Naphthalene	0.840	J	0.22	3.6	ug/Kg
P2844-05	A4C83	Solid	Phenanthrene	25.000		0.2	3.6	ug/Kg
P2844-05	A4C83	Solid	Pyrene	47.000		0.26	3.6	ug/Kg
Total Svoc :				319.98				
Total Concentration:				319.98				
Client ID : A4C84								
P2844-06	A4C84	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
P2844-06	A4C84	Solid	Anthracene	1.200	J	0.19	3.8	ug/Kg
P2844-06	A4C84	Solid	Benzo(a)anthracene	3.300	J	0.11	3.8	ug/Kg
P2844-06	A4C84	Solid	Benzo(a)pyrene	5.000		0.36	3.8	ug/Kg
P2844-06	A4C84	Solid	Benzo(b)fluoranthene	7.300		0.54	3.8	ug/Kg
P2844-06	A4C84	Solid	Benzo(g,h,i)perylene	3.200	J	0.85	3.8	ug/Kg
P2844-06	A4C84	Solid	Benzo(k)fluoranthene	2.500	J	0.36	3.8	ug/Kg
P2844-06	A4C84	Solid	Chrysene	3.100	J	0.28	3.8	ug/Kg
P2844-06	A4C84	Solid	Fluoranthene	6.700		0.21	3.8	ug/Kg
P2844-06	A4C84	Solid	Indeno(1,2,3-cd)pyrene	3.000	J	0.59	3.8	ug/Kg
P2844-06	A4C84	Solid	Phenanthrene	3.700	J	0.21	3.8	ug/Kg
P2844-06	A4C84	Solid	Pyrene	6.500		0.27	3.8	ug/Kg
Total Svoc :				45.50				
Total Concentration:				45.50				
Client ID : A4D82								
P2844-17	A4D82	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P2844-17	A4D82	Water	2-Methylnaphthalene	0.020	J	0.0053	0.1	ug/L
P2844-17	A4D82	Water	Naphthalene	0.040	J	0.0043	0.1	ug/L
Total Svoc :				0.06				
Total Concentration:				0.06				
Client ID : E1GE1								
P2961-16	E1GE1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P2961-16	E1GE1	Water	Naphthalene	0.030	J	0.0043	0.1	ug/L



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Hit Summary Sheet
SW-846

SDG No.: BM062424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			0.03		
			Total Concentration:			0.03		
Client ID :	E1G72							
P2961-17	E1G72	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1G73							
P2961-18	E1G73	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4017

Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046045.D

Time Analyzed: 09:35

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2197	7.464	6336	10.25	3389	14.11
	UPPER LIMIT	4394	7.964	12672	10.753	6778	14.612
	LOWER LIMIT	1098.5	6.964	3168	9.753	1694.5	13.612
	EPA SAMPLE NO.						
01	SBLK516	1951	7.41	6286	10.18	3447	14.05
02	A4D82	1865	7.40	5834	10.17	3488	14.05
03	SLCS516	1369	7.46	4424	10.27	2654	14.09
04	A4BQ3	1642	7.40	5062	10.18	2886	14.05
05	A4BQ3MS	1740	7.43	5270	10.20	3047	14.06
06	A4BQ3MSD	2121	7.43	6528	10.20	3775	14.06
07	A4CY6	2092	7.41	6657	10.18	3777	14.05
08	A4CY6MS	1897	7.44	5885	10.22	3478	14.07
09	A4CY6MSD	1758	7.45	5222	10.22	3069	14.07
10	SLCS463	1567	7.46	5300	10.27	3358	14.09
11	A4BQ3DL	1902	7.42	5434	10.22	3234	14.06
12	A4CY6DL	2029	7.42	5761	10.23	3438	14.07
13	SBLK673	2358	7.41	7468	10.17	4224	14.05
14	E1GE1	1827	7.41	5915	10.17	3456	14.05
15	E1G72	1756	7.40	5630	10.17	3219	14.05
16	E1G73	1721	7.40	5511	10.18	3097	14.05
17	SLCS463	1203	7.50	4578	10.28	2752	14.10
18	SLCS673	1269	7.46	4275	10.27	2687	14.09
19	A4B95DL	2252	7.42	6226	10.24	3701	14.07
20	A4C72DL	2339	7.42	6648	10.23	3869	14.07
21	A4C76DL	2491	7.41	7053	10.21	4197	14.06
22	A4C73DL	2599	7.41	7673	10.21	4433	14.06
23	A4CA6DL	2507	7.42	7029	10.22	4120	14.07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 00:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2197	7.464	6336	10.25	3389	14.11
UPPER LIMIT	4394	7.964	12672	10.753	6778	14.612
LOWER LIMIT	1098.5	6.964	3168	9.753	1694.5	13.612
EPA SAMPLE NO.						
24 A4B93DL	2408	7.41	7078	10.22	4023	14.07
25 A4CA5DL	2448	7.41	7131	10.21	4187	14.06
26 A4CA7DL	2959	7.40	9080	10.20	5158	14.06
27 A4CA9DL	2455	7.42	7081	10.22	4177	14.07
28 A4C74DL	2275	7.41	6863	10.22	4027	14.07
29 SBLK516	2693	7.40	8402	10.17	4572	14.05
30 A4CA8DL	2467	7.41	6918	10.22	4079	14.07
31 A4B94DL	2381	7.42	6594	10.22	3903	14.06
32 A4CA0DL	2531	7.41	7205	10.22	4220	14.07
33 A4C71DL	2283	7.41	6326	10.23	3791	14.07
34 A4C81	2527	7.40	7820	10.17	4136	14.05
35 A4C83	2067	7.40	6212	10.17	3420	14.05
36 A4C84	2151	7.40	6528	10.17	3480	14.05

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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4145 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046243.D Time Analyzed: 09:35

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	1594	7.451	5317	10.24	3149	14.08
	UPPER LIMIT	3188	7.951	10634	10.738	6298	14.581
	LOWER LIMIT	797	6.951	2658.5	9.738	1574.5	13.581
	EPA SAMPLE NO.						
01	SBLK516	1951	7.41	6286	10.18	3447	14.05
02	A4D82	1865	7.40	5834	10.17	3488	14.05
03	SLCS516	1369	7.46	4424	10.27	2654	14.09
04	A4BQ3	1642	7.40	5062	10.18	2886	14.05
05	A4BQ3MS	1740	7.43	5270	10.20	3047	14.06
06	A4BQ3MSD	2121	7.43	6528	10.20	3775	14.06
07	A4CY6	2092	7.41	6657	10.18	3777	14.05
08	A4CY6MS	1897	7.44	5885	10.22	3478	14.07
09	A4CY6MSD	1758	7.45	5222	10.22	3069	14.07
10	SLCS463	1567	7.46	5300	10.27	3358	14.09
11	A4BQ3DL	1902	7.42	5434	10.22	3234	14.06
12	A4CY6DL	2029	7.42	5761	10.23	3438	14.07

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.



SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

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	1482	7.476	5300	10.26	3214	14.10
	UPPER LIMIT	2964	7.976	10600	10.755	6428	14.595
	LOWER LIMIT	741	6.976	2650	9.755	1607	13.595
	EPA SAMPLE NO.						
01	SBLK673	2358	7.41	7468	10.17	4224	14.05
02	E1GE1	1827	7.41	5915	10.17	3456	14.05
03	E1G72	1756	7.40	5630	10.17	3219	14.05
04	E1G73	1721	7.40	5511	10.18	3097	14.05
05	SLCS463	1203	7.50	4578	10.28	2752	14.10
06	SLCS673	1269	7.46	4275	10.27	2687	14.09
07	A4B95DL	2252	7.42	6226	10.24	3701	14.07
08	A4C72DL	2339	7.42	6648	10.23	3869	14.07
09	A4C76DL	2491	7.41	7053	10.21	4197	14.06
10	A4C73DL	2599	7.41	7673	10.21	4433	14.06
11	A4CA6DL	2507	7.42	7029	10.22	4120	14.07
12	A4B93DL	2408	7.41	7078	10.22	4023	14.07
13	A4CA5DL	2448	7.41	7131	10.21	4187	14.06
14	A4CA7DL	2959	7.40	9080	10.20	5158	14.06
15	A4CA9DL	2455	7.42	7081	10.22	4177	14.07
16	A4C74DL	2275	7.41	6863	10.22	4027	14.07



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4146 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046256.D Time Analyzed: 02:37

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	1482	7.476	5300	10.26	3214	14.10
UPPER LIMIT	2964	7.976	10600	10.755	6428	14.595
LOWER LIMIT	741	6.976	2650	9.755	1607	13.595
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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4147 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046273.D Time Analyzed: 04:25

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	1683	7.455	5759	10.26	3628	14.09
UPPER LIMIT	3366	7.955	11518	10.755	7256	14.59
LOWER LIMIT	841.5	6.955	2879.5	9.755	1814	13.59
EPA SAMPLE NO.						
01 SBLK516	2693	7.40	8402	10.17	4572	14.05
02 A4CA8DL	2467	7.41	6918	10.22	4079	14.07
03 A4B94DL	2381	7.42	6594	10.22	3903	14.06
04 A4CA0DL	2531	7.41	7205	10.22	4220	14.07
05 A4C71DL	2283	7.41	6326	10.23	3791	14.07
06 A4C81	2527	7.40	7820	10.17	4136	14.05
07 A4C83	2067	7.40	6212	10.17	3420	14.05
08 A4C84	2151	7.40	6528	10.17	3480	14.05

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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 09:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6704	16.861	5433	21.044	7725	23.142
	UPPER LIMIT	13408	17.361	10866	21.544	15450	23.642
	LOWER LIMIT	3352	16.361	2716.5	20.544	3862.5	22.642
	EPA SAMPLE NO.						
01	SBLK516	7199	16.80	5088	21.03	4305	23.10
02	A4D82	7084	16.80	5024	21.02	4493	23.10
03	SLCS516	4878	16.85	3904	21.03	5281	23.12
04	A4BQ3	6493	16.80	5003	21.00	5632	23.09
05	A4BQ3MS	6369	16.80	5526	21.00	7197	23.09
06	A4BQ3MSD	7922	16.80	6719	21.00	8831	23.09
07	A4CY6	8147	16.80	6279	21.00	6843	23.09
08	A4CY6MS	6977	16.81	6125	21.00	7829	23.10
09	A4CY6MSD	6157	16.81	5479	21.00	7034	23.10
10	SLCS463	6123	16.85	5196	21.03	7131	23.12
11	A4BQ3DL	6343	16.81	5358	21.01	6203	23.10
12	A4CY6DL	6499	16.82	5507	21.02	6755	23.10
13	SBLK673	8673	16.80	6184	21.03	5207	23.10
14	E1GE1	6952	16.80	4928	21.03	3555 *	23.10
15	E1G72	6740	16.80	4698	21.03	3768 *	23.09
16	E1G73	6416	16.80	4573	21.02	3730 *	23.09
17	SLCS463	5154	16.87	4144	21.04	5604	23.12
18	SLCS673	4346	16.85	3643	21.04	5143	23.12
19	A4B95DL	6655	16.82	5224	21.02	6239	23.10
20	A4C72DL	7252	16.82	5936	21.01	7181	23.09
21	A4C76DL	8455	16.80	7153	21.00	8455	23.09

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 22:59

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6704	16.861	5433	21.044	7725	23.142
	UPPER LIMIT	13408	17.361	10866	21.544	15450	23.642
	LOWER LIMIT	3352	16.361	2716.5	20.544	3862.5	22.642
	EPA SAMPLE NO.						
22	A4C73DL	8921	16.80	7380	21.00	8786	23.09
23	A4CA6DL	7683	16.82	6250	21.01	7138	23.10
24	A4B93DL	7509	16.82	5969	21.02	6778	23.10
25	A4CA5DL	7957	16.81	6612	21.01	8102	23.09
26	A4CA7DL	10292	16.80	8170	21.00	9479	23.09
27	A4CA9DL	7817	16.82	6198	21.02	6789	23.10
28	A4C74DL	7668	16.82	6130	21.01	6479	23.09
29	SBLK516	9683	16.80	6593	21.03	5615	23.09
30	A4CA8DL	7781	16.81	6351	21.01	7308	23.10
31	A4B94DL	7928	16.80	6739	21.00	7524	23.09
32	A4CA0DL	8085	16.81	6588	21.01	7409	23.09
33	A4C71DL	7312	16.81	5845	21.01	6900	23.10
34	A4C81	8768	16.79	6481	21.01	6284	23.09
35	A4C83	7116	16.80	5260	21.01	5558	23.09
36	A4C84	7427	16.79	5675	21.02	4753	23.09

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4017 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046045.D Time Analyzed: 08:39

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6704	16.861	5433	21.044	7725	23.142
UPPER LIMIT	13408	17.361	10866	21.544	15450	23.642
LOWER LIMIT	3352	16.361	2716.5	20.544	3862.5	22.642
EPA SAMPLE NO.						

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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4145 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046243.D Time Analyzed: 09:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5723	16.842	4455	21.023	6202	23.113
	UPPER LIMIT	11446	17.342	8910	21.523	12404	23.613
	LOWER LIMIT	2861.5	16.342	2227.5	20.523	3101	22.613
	EPA SAMPLE NO.						
01	SBLK516	7199	16.80	5088	21.03	4305	23.10
02	A4D82	7084	16.80	5024	21.02	4493	23.10
03	SLCS516	4878	16.85	3904	21.03	5281	23.12
04	A4BQ3	6493	16.80	5003	21.00	5632	23.09
05	A4BQ3MS	6369	16.80	5526	21.00	7197	23.09
06	A4BQ3MSD	7922	16.80	6719	21.00	8831	23.09
07	A4CY6	8147	16.80	6279	21.00	6843	23.09
08	A4CY6MS	6977	16.81	6125	21.00	7829	23.10
09	A4CY6MSD	6157	16.81	5479	21.00	7034	23.10
10	SLCS463	6123	16.85	5196	21.03	7131	23.12
11	A4BQ3DL	6343	16.81	5358	21.01	6203	23.10
12	A4CY6DL	6499	16.82	5507	21.02	6755	23.10

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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4146 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BM046256.D Time Analyzed: 17:30

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5740	16.858	4659	21.029	6497	23.118
	UPPER LIMIT	11480	17.358	9318	21.529	12994	23.618
	LOWER LIMIT	2870	16.358	2329.5	20.529	3248.5	22.618
	EPA SAMPLE NO.						
01	SBLK673	8673	16.80	6184	21.03	5207	23.10
02	E1GE1	6952	16.80	4928	21.03	3555	23.10
03	E1G72	6740	16.80	4698	21.03	3768	23.09
04	E1G73	6416	16.80	4573	21.02	3730	23.09
05	SLCS463	5154	16.87	4144	21.04	5604	23.12
06	SLCS673	4346	16.85	3643	21.04	5143	23.12
07	A4B95DL	6655	16.82	5224	21.02	6239	23.10
08	A4C72DL	7252	16.82	5936	21.01	7181	23.09
09	A4C76DL	8455	16.80	7153	21.00	8455	23.09
10	A4C73DL	8921	16.80	7380	21.00	8786	23.09
11	A4CA6DL	7683	16.82	6250	21.01	7138	23.10
12	A4B93DL	7509	16.82	5969	21.02	6778	23.10
13	A4CA5DL	7957	16.81	6612	21.01	8102	23.09
14	A4CA7DL	10292	16.80	8170	21.00	9479	23.09
15	A4CA9DL	7817	16.82	6198	21.02	6789	23.10
16	A4C74DL	7668	16.82	6130	21.01	6479	23.09

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4146 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046256.D Time Analyzed: 02:37

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	5740	16.858	4659	21.029	6497	23.118
UPPER LIMIT	11480	17.358	9318	21.529	12994	23.618
LOWER LIMIT	2870	16.358	2329.5	20.529	3248.5	22.618
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.: BM062424 SAS No.: BM062424 SDG NO.: BM062424

EPA Sample No.: SSTD0.4147 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BM046273.D Time Analyzed: 04:25

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	6606	16.854	5221	21.026	7157	23.11
UPPER LIMIT	13212	17.354	10442	21.526	14314	23.61
LOWER LIMIT	3303	16.354	2610.5	20.526	3578.5	22.61
EPA SAMPLE NO.						
01 SBLK516	9683	16.80	6593	21.03	5615	23.09
02 A4CA8DL	7781	16.81	6351	21.01	7308	23.10
03 A4B94DL	7928	16.80	6739	21.00	7524	23.09
04 A4CA0DL	8085	16.81	6588	21.01	7409	23.09
05 A4C71DL	7312	16.81	5845	21.01	6900	23.10
06 A4C81	8768	16.79	6481	21.01	6284	23.09
07 A4C83	7116	16.80	5260	21.01	5558	23.09
08 A4C84	7427	16.79	5675	21.02	4753	23.09

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.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161463BS	1,4-Dioxane	66.7	47	ug/Kg	70				0	0		
	1,4-Dioxane	66.7	58	ug/Kg	87				0	0		
	Naphthalene	13.3	9.7	ug/Kg	73				0	0		
	Naphthalene	13.3	9.5	ug/Kg	71				0	0		
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	2-Methylnaphthalene	13.3	9.2	ug/Kg	69				0	0		
	2-Methylnaphthalene	13.3	9	ug/Kg	68				0	0		
	Acenaphthylene	13.3	9.9	ug/Kg	74				0	0		
	Acenaphthylene	13.3	9.7	ug/Kg	73				0	0		
	Acenaphthene	13.3	9.7	ug/Kg	73				0	0		
	Acenaphthene	13.3	10	ug/Kg	75				0	0		
	Fluorene	13.3	9.3	ug/Kg	70				0	0		
	Fluorene	13.3	9.6	ug/Kg	72				0	0		
	Pentachlorophenol	26.7	15	ug/Kg	56				0	0		
	Pentachlorophenol	26.7	17	ug/Kg	64				0	0		
	Phenanthrene	13.3	9.4	ug/Kg	71				0	0		
	Phenanthrene	13.3	9.4	ug/Kg	71				0	0		
	Anthracene	13.3	6.9	ug/Kg	52				0	0		
	Anthracene	13.3	8.4	ug/Kg	63				0	0		
	Fluoranthene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	10	ug/Kg	75				0	0		
	Pyrene	13.3	10	ug/Kg	75				0	0		
	Pyrene	13.3	9.9	ug/Kg	74				0	0		
	Benzo(a)anthracene	13.3	8.6	ug/Kg	65				0	0		
	Benzo(a)anthracene	13.3	9.1	ug/Kg	68				0	0		
	Chrysene	13.3	9.9	ug/Kg	74				0	0		
	Chrysene	13.3	10	ug/Kg	75				0	0		
	Benzo(b)fluoranthene	13.3	9.1	ug/Kg	68				0	0		
	Benzo(b)fluoranthene	13.3	8.8	ug/Kg	66				0	0		
	Benzo(k)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	13.3	9.8	ug/Kg	74				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	8.5	ug/Kg	64				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	8.9	ug/Kg	67				0	0		
	Dibenzo(a,h)anthracene	13.3	9.3	ug/Kg	70				0	0		
	Dibenzo(a,h)anthracene	13.3	8.8	ug/Kg	66				0	0		
	Benzo(g,h,i)perylene	13.3	8.4	ug/Kg	63				0	0		
	Benzo(g,h,i)perylene	13.3	9.2	ug/Kg	69				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161516BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.4	ug/L	100				0	0	
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	Acenaphthylene	0.4	0.4	ug/L	100				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.39	ug/L	98				0	0	
	Pentachlorophenol	0.8	0.74	ug/L	93				0	0	
	Phenanthrene	0.4	0.4	ug/L	100				0	0	
	Anthracene	0.4	0.34	ug/L	85				0	0	
	Fluoranthene	0.4	0.44	ug/L	110				0	0	
	Pyrene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.44	ug/L	110				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0	
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161673BS	1,4-Dioxane	2	1.8	ug/L	90				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.36	ug/L	90				0	0	
	Fluorene	0.4	0.34	ug/L	85				0	0	
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.35	ug/L	88				0	0	
	Fluoranthene	0.4	0.4	ug/L	100				0	0	
	Pyrene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0	
	Chrysene	0.4	0.38	ug/L	95				0	0	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	0.4	0.33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BQ3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062424

SAS No.: BM062424 SDG NO.: BM062424

Lab File ID: BM046247.D

Lab Sample ID: P2775-01

Instrument ID: BNA_M

Date Extracted: 06/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BQ3	P2775-01	BM046247.D	06/24/2024
A4BQ3MS	P2775-02MS	BM046248.D	06/24/2024
A4BQ3MSD	P2775-03MSD	BM046249.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CY6

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062424

SAS No.: BM062424 SDG NO.: BM062424

Lab File ID: BM046250.D

Lab Sample ID: P2776-01

Instrument ID: BNA_M

Date Extracted: 06/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 13:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CY6	P2776-01	BM046250.D	06/24/2024
A4CY6MS	P2776-02MS	BM046251.D	06/24/2024
A4CY6MSD	P2776-03MSD	BM046252.D	06/24/2024
PB161463BS	PB161463BS	BM046253.D	06/24/2024
PB161463BS	PB161463BS	BM046261.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4C81

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062424

SAS No.: BM062424 SDG NO.: BM062424

Lab File ID: BM046279.D

Lab Sample ID: P2844-04

Instrument ID: BNA_M

Date Extracted: 06/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 07:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C81	P2844-04	BM046279.D	06/25/2024
A4C83	P2844-05	BM046280.D	06/25/2024
A4C84	P2844-06	BM046281.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK516

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062424

SAS No.: BM062424 SDG NO.: BM062424

Lab File ID: BM046274.D

Lab Sample ID: PB161516BL

Instrument ID: BNA_M

Date Extracted: 06/17/2024

Matrix: (soil/water) Water

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 04:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D82	P2844-17	BM046245.D	06/24/2024
PB161516BS	PB161516BS	BM046246.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK673

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM062424

SAS No.: BM062424 SDG NO.: BM062424

Lab File ID: BM046257.D

Lab Sample ID: PB161673BL

Instrument ID: BNA_M

Date Extracted: 06/24/2024

Matrix: (soil/water) Water

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 17:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G61	P2961-16	BM046258.D	06/24/2024
E1G72	P2961-17	BM046259.D	06/24/2024
E1G73	P2961-18	BM046260.D	06/24/2024
PB161673BS	PB161673BS	BM046262.D	06/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2775-02MS	Client Sample ID:	A4BQ3MS					DataFile:	BM046248.D		
1,4-Dioxane	140		61	ug/Kg	44				15	120	
Naphthalene	27.4	17	37	ug/Kg	73				0	0	
1-Methylnaphthalene	27.4	7.3	28	ug/Kg	76				0	0	
2-Methylnaphthalene	27.4	9.5	31	ug/Kg	78				0	0	
Acenaphthylene	27.4	40	66	ug/Kg	95				0	0	
Acenaphthene	27.4	34	56	ug/Kg	80				31	137	
Fluorene	27.4	36	62	ug/Kg	95				0	0	
Pentachlorophenol	54.7		42	ug/Kg	77				17	109	
Phenanthrene	27.4	500	650	ug/Kg	547				0	0	
Anthracene	27.4	120	190	ug/Kg	255				0	0	
Fluoranthene	27.4	1000	1200	ug/Kg	730				0	0	
Pyrene	27.4	690	820	ug/Kg	474	*			35	142	
Benzo(a)anthracene	27.4	490	600	ug/Kg	401				0	0	
Chrysene	27.4	440	530	ug/Kg	328				0	0	
Benzo(b)fluoranthene	27.4	780	760	ug/Kg	-73				0	0	
Benzo(k)fluoranthene	27.4	260	250	ug/Kg	-36				0	0	
Benzo(a)pyrene	27.4	320	370	ug/Kg	182				0	0	
Indeno(1,2,3-cd)pyrene	27.4	210	220	ug/Kg	36				0	0	
Dibenzo(a,h)anthracene	27.4	82	97	ug/Kg	55				0	0	
Benzo(g,h,i)perylene	27.4	32	130	ug/Kg	358				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2775-03MSD	Client Sample ID:	A4BQ3MSD					DataFile:	BM046249.D		
1,4-Dioxane	140		51	ug/Kg	36		20		15	120	50
Naphthalene	27.3	17	31	ug/Kg	51		35	*	0	0	0
1-Methylnaphthalene	27.3	7.3	23	ug/Kg	58		27	*	0	0	0
2-Methylnaphthalene	27.3	9.5	27	ug/Kg	64		20	*	0	0	0
Acenaphthylene	27.3	40	57	ug/Kg	62		42	*	0	0	0
Acenaphthene	27.3	34	49	ug/Kg	55		37	*	31	137	19
Fluorene	27.3	36	53	ug/Kg	62		42	*	0	0	0
Pentachlorophenol	54.7		37	ug/Kg	68		12		17	109	47
Phenanthrene	27.3	500	550	ug/Kg	183		100	*	0	0	0
Anthracene	27.3	120	160	ug/Kg	147		54	*	0	0	0
Fluoranthene	27.3	1000	1000	ug/Kg	0		200	*	0	0	0
Pyrene	27.3	690	700	ug/Kg	37		171	*	35	142	36
Benzo(a)anthracene	27.3	490	510	ug/Kg	73		138	*	0	0	0
Chrysene	27.3	440	460	ug/Kg	73		127	*	0	0	0
Benzo(b)fluoranthene	27.3	780	630	ug/Kg	-549		153	*	0	0	0
Benzo(k)fluoranthene	27.3	260	200	ug/Kg	-220		144	*	0	0	0
Benzo(a)pyrene	27.3	320	310	ug/Kg	-37		302	*	0	0	0
Indeno(1,2,3-cd)pyrene	27.3	210	180	ug/Kg	-110		395	*	0	0	0
Dibenzo(a,h)anthracene	27.3	82	82	ug/Kg	0		200	*	0	0	0
Benzo(g,h,i)perylene	27.3	32	110	ug/Kg	286		22	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2776-02MS	Client Sample ID:	A4CY6MS					DataFile:	BM046251.D		
1,4-Dioxane	84.4		37	ug/Kg	44				15	120	
Naphthalene	16.9	5.4	15	ug/Kg	57				0	0	
1-Methylnaphthalene	16.9	2.2	12	ug/Kg	58				0	0	
2-Methylnaphthalene	16.9	3.1	13	ug/Kg	59				0	0	
Acenaphthylene	16.9	11	21	ug/Kg	59				0	0	
Acenaphthene	16.9	6.8	17	ug/Kg	60				31	137	
Fluorene	16.9	7.4	17	ug/Kg	57				0	0	
Pentachlorophenol	33.8		17	ug/Kg	50				17	109	
Phenanthrene	16.9	93	100	ug/Kg	41				0	0	
Anthracene	16.9	27	35	ug/Kg	47				0	0	
Fluoranthene	16.9	180	180	ug/Kg	0				0	0	
Pyrene	16.9	170	130	ug/Kg	-237	*			35	142	
Benzo(a)anthracene	16.9	92	100	ug/Kg	47				0	0	
Chrysene	16.9	70	82	ug/Kg	71				0	0	
Benzo(b)fluoranthene	16.9	140	130	ug/Kg	-59				0	0	
Benzo(k)fluoranthene	16.9	45	51	ug/Kg	36				0	0	
Benzo(a)pyrene	16.9	120	58	ug/Kg	-367				0	0	
Indeno(1,2,3-cd)pyrene	16.9	54	39	ug/Kg	-89				0	0	
Dibenzo(a,h)anthracene	16.9	15	22	ug/Kg	41				0	0	
Benzo(g,h,i)perylene	16.9	18	7	ug/Kg	-65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2776-03MSD	Client Sample ID:	A4CY6MSD					DataFile:	BM046252.D		
1,4-Dioxane	84.5		41	ug/Kg	49		11		15	120	50
Naphthalene	16.9	5.4	17	ug/Kg	69		19	*	0	0	0
1-Methylnaphthalene	16.9	2.2	14	ug/Kg	70		19	*	0	0	0
2-Methylnaphthalene	16.9	3.1	15	ug/Kg	70		17	*	0	0	0
Acenaphthylene	16.9	11	24	ug/Kg	77		26	*	0	0	0
Acenaphthene	16.9	6.8	19	ug/Kg	72		18		31	137	19
Fluorene	16.9	7.4	19	ug/Kg	69		19	*	0	0	0
Pentachlorophenol	33.8		20	ug/Kg	59		17		17	109	47
Phenanthrene	16.9	93	120	ug/Kg	160		118	*	0	0	0
Anthracene	16.9	27	41	ug/Kg	83		55	*	0	0	0
Fluoranthene	16.9	180	210	ug/Kg	178		200	*	0	0	0
Pyrene	16.9	170	150	ug/Kg	-118	*	67	*	35	142	36
Benzo(a)anthracene	16.9	92	110	ug/Kg	107		78	*	0	0	0
Chrysene	16.9	70	94	ug/Kg	142		67	*	0	0	0
Benzo(b)fluoranthene	16.9	140	150	ug/Kg	59				0	0	0
Benzo(k)fluoranthene	16.9	45	59	ug/Kg	83		79	*	0	0	0
Benzo(a)pyrene	16.9	120	66	ug/Kg	-320		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.9	54	45	ug/Kg	-53		51	*	0	0	0
Dibenzo(a,h)anthracene	16.9	15	25	ug/Kg	59		36	*	0	0	0
Benzo(g,h,i)perylene	16.9	18	8.1	ug/Kg	-59		10	*	0	0	0



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2775-01	A4BQ3	BM046247.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
P2775-01DL	A4BQ3DL	BM046254.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140
P2775-02MS	A4BQ3MS	BM046248.D	1,4-Dioxane-d8	0.8	0.39	49		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P2775-03MSD	A4BQ3MSD	BM046249.D	1,4-Dioxane-d8	0.8	0.31	39		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140

Surrogate Summary

SW-846

SDG No.: **BM062424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-01	A4CY6	BM046250.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P2776-01DL	A4CY6DL	BM046255.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2776-02MS	A4CY6MS	BM046251.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2776-03MSD	A4CY6MSD	BM046252.D	1,4-Dioxane-d8	0.8	0.41	52		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P2776-05DL	A4B93DL	BM046268.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2776-06DL	A4B94DL	BM046276.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2776-07DL	A4B95DL	BM046263.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2776-08DL	A4CA0DL	BM046277.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2776-10DL	A4CA5DL	BM046269.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2776-11DL	A4CA6DL	BM046267.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2776-12DL	A4CA7DL	BM046270.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2776-13DL	A4CA8DL	BM046275.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2776-14DL	A4CA9DL	BM046271.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2776-18DL	A4C71DL	BM046278.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P2776-19DL	A4C72DL	BM046264.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P2776-20DL	A4C73DL	BM046266.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2776-21DL	A4C74DL	BM046272.D	1,4-Dioxane-d8	8	3.95	49		15	120



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2776-21DL	A4C74DL	BM046272.D	Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2776-22DL	A4C76DL	BM046265.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
			1,4-Dioxane-d8	0.8	0.74	93		15	120
PB161463BS	PB161463BS	BM046261.D	1,4-Dioxane-d8	0.8	0.59	74		15	120
		BM046253.D	1,4-Dioxane-d8	0.8	0.59	74		15	120
		BM046261.D	Fluoranthene-d10	0.4	0.29	71		30	130
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
		BM046253.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	140



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Surrogate Summary

SW-846

SDG No.: BM062424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2844-04	A4C81	BM046279.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P2844-05	A4C83	BM046280.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2844-06	A4C84	BM046281.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140

Surrogate Summary

SW-846

SDG No.: **BM062424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2844-17	A4D82	BM046245.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB161516BL	PB161516BL	BM046244.D	1,4-Dioxane-d8	8	4.56	57		15	120
		BM046274.D	1,4-Dioxane-d8	8	4.59	57		15	120
		BM046244.D	Fluoranthene-d10	0.4	0.32	80		30	130
			Fluoranthene-d10	0.4	0.31	79		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
		BM046274.D	2-Methylnaphthalene-d10	0.4	0.26	65		30	130
PB161516BS	PB161516BS	BM046246.D	1,4-Dioxane-d8	0.8	0.79	99		15	120
		BM046246.D	Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

Surrogate Summary

SW-846

SDG No.: **BM062424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2961-16	E1GE1	BM046258.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P2961-17	E1G72	BM046259.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P2961-18	E1G73	BM046260.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB161673BL	PB161673BL	BM046257.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
PB161673BS	PB161673BS	BM046262.D	1,4-Dioxane-d8	0.8	0.88	110		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062424

Lab Code: CHEM

SAS No.: BM062424

SDG NO.: BM062424

Lab File ID: BM046242.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	65.1
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	53.7
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	54.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	61
443	15.0 - 24.0% of mass 442	11.8 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4145	SSTDCCC0.4	BM046243.D	06/24/2024	08:49
SBLK516	PB161516BL	BM046244.D	06/24/2024	09:35
A4D82	P2844-17	BM046245.D	06/24/2024	10:11
SLCS516	PB161516BS	BM046246.D	06/24/2024	10:48
A4BQ3	P2775-01	BM046247.D	06/24/2024	11:24
A4BQ3MS	P2775-02MS	BM046248.D	06/24/2024	12:01
A4BQ3MSD	P2775-03MSD	BM046249.D	06/24/2024	12:37
A4CY6	P2776-01	BM046250.D	06/24/2024	13:14
A4CY6MS	P2776-02MS	BM046251.D	06/24/2024	13:50
A4CY6MSD	P2776-03MSD	BM046252.D	06/24/2024	14:27
SLCS463	PB161463BS	BM046253.D	06/24/2024	15:04
A4BQ3DL	P2775-01DL	BM046254.D	06/24/2024	15:40
A4CY6DL	P2776-01DL	BM046255.D	06/24/2024	16:17
SSTD0.4146	SSTDCCC0.4	BM046256.D	06/24/2024	16:54
SBLK673	PB161673BL	BM046257.D	06/24/2024	17:30
E1GE1	P2961-16	BM046258.D	06/24/2024	18:07
E1G72	P2961-17	BM046259.D	06/24/2024	18:44
E1G73	P2961-18	BM046260.D	06/24/2024	19:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062424

Lab Code: CHEM

SAS No.: BM062424

SDG NO.: BM062424

Lab File ID: BM046242.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	65.1
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	53.7
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	54.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	61
443	15.0 - 24.0% of mass 442	11.8 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS463	PB161463BS	BM046261.D	06/24/2024	19:57
SLCS673	PB161673BS	BM046262.D	06/24/2024	20:33
A4B95DL	P2776-07DL	BM046263.D	06/24/2024	21:10
A4C72DL	P2776-19DL	BM046264.D	06/24/2024	21:46
A4C76DL	P2776-22DL	BM046265.D	06/24/2024	22:22
A4C73DL	P2776-20DL	BM046266.D	06/24/2024	22:59
A4CA6DL	P2776-11DL	BM046267.D	06/24/2024	23:35
A4B93DL	P2776-05DL	BM046268.D	06/25/2024	00:12
A4CA5DL	P2776-10DL	BM046269.D	06/25/2024	00:48
A4CA7DL	P2776-12DL	BM046270.D	06/25/2024	01:24
A4CA9DL	P2776-14DL	BM046271.D	06/25/2024	02:00
A4C74DL	P2776-21DL	BM046272.D	06/25/2024	02:37
SSTD0.4147	SSTDCCC0.4	BM046273.D	06/25/2024	03:49
SBLK516	PB161516BL	BM046274.D	06/25/2024	04:25
A4CA8DL	P2776-13DL	BM046275.D	06/25/2024	05:02
A4B94DL	P2776-06DL	BM046276.D	06/25/2024	05:38
A4CA0DL	P2776-08DL	BM046277.D	06/25/2024	06:14
A4C71DL	P2776-18DL	BM046278.D	06/25/2024	06:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM062424

Lab Code: CHEM

SAS No.: BM062424

SDG NO.: BM062424

Lab File ID: BM046242.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	65.1
68	Less than 2.0% of mass 69	0.8 (1.5) 1
69	Mass 69 relative abundance	53.7
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	54.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	61
443	15.0 - 24.0% of mass 442	11.8 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4C81	P2844-04	BM046279.D	06/25/2024	07:27
A4C83	P2844-05	BM046280.D	06/25/2024	08:03
A4C84	P2844-06	BM046281.D	06/25/2024	08:39