

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG No.: BM072924

Instrument ID: BNA_M Calibration Date/Time: 7/29/2024 1:13:00

Lab File ID: BM046880.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4190 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.320	0.261	0.010	-18.6279	40.0
1,4-Dioxane-d8	0.280	0.221	0.010	-21.2663	40.0
Naphthalene	1.012	1.008	0.600	-0.3631	30.0
1-Methylnaphthalene	0.719	0.755	0.300	5.0046	30.0
2-Methylnaphthalene	0.696	0.726	0.300	4.2279	30.0
Acenaphthylene	1.832	1.783	0.900	-2.6815	30.0
Acenaphthene	1.243	1.285	0.500	3.3027	30.0
Fluorene	1.554	0.987	0.700	-36.5075	30.0
Pentachlorophenol	0.181	0.156	0.010	-13.6823	50.0
Phenanthrene	1.150	1.077	0.300	-6.2834	30.0
Anthracene	1.070	1.015	0.400	-5.1237	30.0
Fluoranthene	1.757	1.877	0.400	6.8643	30.0
Pyrene	1.817	1.929	0.500	6.1531	30.0
Benzo (a) anthracene	1.667	1.600	0.400	-3.9812	30.0
Chrysene	1.693	1.557	0.400	-8.0372	30.0
Benzo (b) fluoranthene	1.756	1.427	0.200	-18.7183	30.0
Benzo (k) fluoranthene	1.770	1.452	0.200	-17.9629	30.0
Benzo (a) pyrene	1.261	1.195	0.200	-5.2185	30.0
Indeno (1,2,3-cd) pyrene	1.940	1.674	0.200	-13.7366	30.0
Dibenzo (a,h) anthracene	1.420	1.326	0.200	-6.6363	30.0
Benzo (g,h,i) perylene	1.709	1.378	0.200	-19.3724	30.0
Fluoranthene-d10	1.303	1.446	0.400	10.9724	30.0
2-Methylnaphthalene-d10	0.636	0.644	0.300	1.3402	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.: BM072924 SAS No.: BM072924 SDG No.: BM072924

Instrument ID: BNA_M Calibration Date/Time: 7/29/2024 1:15:26

Lab File ID: BM046884.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4191 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.320	0.259	0.010	-19.1794	40.0
1,4-Dioxane-d8	0.280	0.243	0.010	-13.2766	40.0
Naphthalene	1.012	0.997	0.600	-1.5035	30.0
1-Methylnaphthalene	0.719	0.724	0.300	0.7365	30.0
2-Methylnaphthalene	0.696	0.705	0.300	1.1861	30.0
Acenaphthylene	1.832	1.853	0.900	1.1446	30.0
Acenaphthene	1.243	1.244	0.500	0.0282	30.0
Fluorene	1.554	1.418	0.700	-8.7816	30.0
Pentachlorophenol	0.181	0.163	0.010	-10.1595	50.0
Phenanthrene	1.150	1.077	0.300	-6.3132	30.0
Anthracene	1.070	1.016	0.400	-5.0918	30.0
Fluoranthene	1.757	1.753	0.400	-0.2115	30.0
Pyrene	1.817	1.817	0.500	-0.0179	30.0
Benzo (a) anthracene	1.667	1.564	0.400	-6.1429	30.0
Chrysene	1.693	1.535	0.400	-9.3169	30.0
Benzo (b) fluoranthene	1.756	1.419	0.200	-19.2149	30.0
Benzo (k) fluoranthene	1.770	1.430	0.200	-19.1895	30.0
Benzo (a) pyrene	1.261	1.183	0.200	-6.1733	30.0
Indeno (1,2,3-cd) pyrene	1.940	1.775	0.200	-8.5176	30.0
Dibenzo (a,h) anthracene	1.420	1.392	0.200	-2.0	30.0
Benzo (g,h,i) perylene	1.709	1.411	0.200	-17.4156	30.0
Fluoranthene-d10	1.303	1.348	0.400	3.5121	30.0
2-Methylnaphthalene-d10	0.636	0.638	0.300	0.2729	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.: BM072924 SAS No.: BM072924 SDG No.: BM072924

Instrument ID: BNA_M Calibration Date/Time: 7/30/2024 1:02:30

Lab File ID: BM046902.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4192 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.320	0.314	0.010	-1.9037	40.0
1,4-Dioxane-d8	0.280	0.242	0.010	-13.7033	40.0
Naphthalene	1.012	1.019	0.600	0.7199	30.0
1-Methylnaphthalene	0.719	0.716	0.300	-0.4728	30.0
2-Methylnaphthalene	0.696	0.697	0.300	0.0903	30.0
Acenaphthylene	1.832	1.858	0.900	1.3983	30.0
Acenaphthene	1.243	1.239	0.500	-0.3407	30.0
Fluorene	1.554	1.435	0.700	-7.6417	30.0
Pentachlorophenol	0.181	0.162	0.010	-10.6253	50.0
Phenanthrene	1.150	1.106	0.300	-3.7612	30.0
Anthracene	1.070	1.018	0.400	-4.9275	30.0
Fluoranthene	1.757	1.748	0.400	-0.4898	30.0
Pyrene	1.817	1.778	0.500	-2.1837	30.0
Benzo (a) anthracene	1.667	1.558	0.400	-6.5585	30.0
Chrysene	1.693	1.536	0.400	-9.3018	30.0
Benzo (b) fluoranthene	1.756	1.423	0.200	-18.9545	30.0
Benzo (k) fluoranthene	1.770	1.482	0.200	-16.2686	30.0
Benzo (a) pyrene	1.261	1.217	0.200	-3.464	30.0
Indeno (1,2,3-cd) pyrene	1.940	1.791	0.200	-7.6719	30.0
Dibenzo (a,h) anthracene	1.420	1.404	0.200	-1.149	30.0
Benzo (g,h,i) perylene	1.709	1.462	0.200	-14.4337	30.0
Fluoranthene-d10	1.303	1.298	0.400	-0.3511	30.0
2-Methylnaphthalene-d10	0.636	0.629	0.300	-1.0204	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK297	SDG No.:	BM072924
Lab Sample ID:	PB162297BL	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
BM046881.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

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	4.574		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3666	7.459				
1146-65-2	Naphthalene-d8	11069	10.215				
15067-26-2	Acenaphthene-d10	6877	14.108				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK297	SDG No.:	BM072924
Lab Sample ID:	PB162297BL	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
BM046881.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13713	16.866				
1719-03-5	Chrysene-d12	7840	21.085				
1520-96-3	Perylene-d12	7233	23.212				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E85	SDG No.:	BM072924
Lab Sample ID:	P3329-19	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046882.D	1	7/23/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.675		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.317		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3660	7.459				
1146-65-2	Naphthalene-d8	11467	10.216				
15067-26-2	Acenaphthene-d10	7382	14.109				

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E85	SDG No.:	BM072924
Lab Sample ID:	P3329-19	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046882.D	1	7/23/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14013	16.867				
1719-03-5	Chrysene-d12	8469	21.082				
1520-96-3	Perylene-d12	7404	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS297	SDG No.:	BM072924
Lab Sample ID:	PB162297BS	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
BM046883.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		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	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.67		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.29		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		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	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.3		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.575		15-120		72	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.378		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3358	7.459				
1146-65-2	Naphthalene-d8	8991	10.216				
15067-26-2	Acenaphthene-d10	5441	14.109				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS297	SDG No.:	BM072924
Lab Sample ID:	PB162297BS	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
BM046883.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11232	16.867				
1719-03-5	Chrysene-d12	8232	21.084				
1520-96-3	Perylene-d12	9307	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK220	SDG No.:	BM072924
Lab Sample ID:	PB162220BL	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
BM046885.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.555		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3560	7.459				
1146-65-2	Naphthalene-d8	10866	10.215				
15067-26-2	Acenaphthene-d10	6602	14.107				

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK220	SDG No.:	BM072924
Lab Sample ID:	PB162220BL	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
BM046885.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12751	16.865				
1719-03-5	Chrysene-d12	8266	21.082				
1520-96-3	Perylene-d12	7621	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM3DL	SDG No.:	BM072924
Lab Sample ID:	P3264-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.7
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
BM046886.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	51	ug/Kg
91-20-3	Naphthalene	20	JD	1.5	6.3	25	ug/Kg
90-12-0	1-Methylnaphthalene	9.7	JD	4	6.3	25	ug/Kg
91-57-6	2-Methylnaphthalene	12	JD	1.4	6.3	25	ug/Kg
208-96-8	Acenaphthylene	30	D	2.5	6.3	25	ug/Kg
83-32-9	Acenaphthene	39	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	12.8	51	ug/Kg
85-01-8	Phenanthrene	520	ED	1.4	6.3	25	ug/Kg
120-12-7	Anthracene	100	D	1.3	6.3	25	ug/Kg
206-44-0	Fluoranthene	790	ED	1.4	6.3	25	ug/Kg
129-00-0	Pyrene	560	ED	1.8	6.3	25	ug/Kg
56-55-3	Benzo(a)anthracene	340	D	0.71	6.3	25	ug/Kg
218-01-9	Chrysene	360	D	1.9	6.3	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	D	3.6	6.3	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	2.4	6.3	25	ug/Kg
50-32-8	Benzo(a)pyrene	210	D	2.4	6.3	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	D	4	6.3	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	D	3.6	6.3	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	5.7	6.3	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.935		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2603	7.459				
1146-65-2	Naphthalene-d8	7245	10.216				
15067-26-2	Acenaphthene-d10	4507	14.109				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM3DL	SDG No.:	BM072924
Lab Sample ID:	P3264-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.7
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
BM046886.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9369	16.863				
1719-03-5	Chrysene-d12	7491	21.081				
1520-96-3	Perylene-d12	10359	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM6DL	SDG No.:	BM072924
Lab Sample ID:	P3264-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.2
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
BM046887.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.9	U	7.9	0	60	ug/Kg
91-20-3	Naphthalene	26	JD	1.8	7.4	29	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	4.6	7.4	29	ug/Kg
91-57-6	2-Methylnaphthalene	15	JD	1.7	7.4	29	ug/Kg
208-96-8	Acenaphthylene	35	D	2.9	7.4	29	ug/Kg
83-32-9	Acenaphthene	57	D	1.6	7.4	29	ug/Kg
86-73-7	Fluorene	51	D	2	7.4	29	ug/Kg
87-86-5	Pentachlorophenol	18	U	18	15	60	ug/Kg
85-01-8	Phenanthrene	670	ED	1.6	7.4	29	ug/Kg
120-12-7	Anthracene	130	D	1.5	7.4	29	ug/Kg
206-44-0	Fluoranthene	1100	ED	1.6	7.4	29	ug/Kg
129-00-0	Pyrene	800	ED	2.1	7.4	29	ug/Kg
56-55-3	Benzo(a)anthracene	450	D	0.83	7.4	29	ug/Kg
218-01-9	Chrysene	480	ED	2.2	7.4	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	570	ED	4.2	7.4	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	D	2.9	7.4	29	ug/Kg
50-32-8	Benzo(a)pyrene	330	D	2.9	7.4	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	D	4.6	7.4	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	D	4.2	7.4	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	D	6.7	7.4	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.105		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2993		7.459			
1146-65-2	Naphthalene-d8	8646		10.215			
15067-26-2	Acenaphthene-d10	5360		14.108			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM6DL	SDG No.:	BM072924
Lab Sample ID:	P3264-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.2
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
BM046887.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10128	16.866				
1719-03-5	Chrysene-d12	7231	21.082				
1520-96-3	Perylene-d12	7838	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD7DL	SDG No.:	BM072924
Lab Sample ID:	P3263-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BM046888.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	0	37	ug/Kg
91-20-3	Naphthalene	7.5	JD	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	U	2.9	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	4.8	JD	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	11	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	6.8	JD	0.99	4.5	18	ug/Kg
86-73-7	Fluorene	7.2	JD	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.2	37	ug/Kg
85-01-8	Phenanthrene	77	D	0.99	4.5	18	ug/Kg
120-12-7	Anthracene	18	D	0.94	4.5	18	ug/Kg
206-44-0	Fluoranthene	110	D	0.99	4.5	18	ug/Kg
129-00-0	Pyrene	95	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	49	D	0.51	4.5	18	ug/Kg
218-01-9	Chrysene	51	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	D	2.6	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	20	D	1.8	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	53	D	1.8	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25	D	2.9	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.6	JD	2.6	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	D	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.61		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	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	3086	7.459				
1146-65-2	Naphthalene-d8	8743	10.215				
15067-26-2	Acenaphthene-d10	5432	14.108				

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD7DL	SDG No.:	BM072924
Lab Sample ID:	P3263-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BM046888.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11398	16.866				
1719-03-5	Chrysene-d12	8806	21.079				
1520-96-3	Perylene-d12	9888	23.206				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CG6DL	SDG No.:	BM072924
Lab Sample ID:	P3263-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM046889.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

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	36	D	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	21	D	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	43	D	2	5	20	ug/Kg
83-32-9	Acenaphthene	12	JD	1.1	5	20	ug/Kg
86-73-7	Fluorene	14	JD	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	230	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	52	D	1	5	20	ug/Kg
206-44-0	Fluoranthene	460	ED	1.1	5	20	ug/Kg
129-00-0	Pyrene	310	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	210	D	0.57	5	20	ug/Kg
218-01-9	Chrysene	270	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	ED	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	D	2	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	150	D	2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	D	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.185		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	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	3570	7.459				
1146-65-2	Naphthalene-d8	10115	10.215				
15067-26-2	Acenaphthene-d10	6191	14.108				

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CG6DL	SDG No.:	BM072924
Lab Sample ID:	P3263-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM046889.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11643	16.866				
1719-03-5	Chrysene-d12	8259	21.079				
1520-96-3	Perylene-d12	8727	23.21				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK3DL	SDG No.:	BM072924
Lab Sample ID:	P3263-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046890.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

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	19	D	1.1	4.6	18	ug/Kg
90-12-0	1-Methylnaphthalene	5.8	JD	2.9	4.6	18	ug/Kg
91-57-6	2-Methylnaphthalene	8.5	JD	1.1	4.6	18	ug/Kg
208-96-8	Acenaphthylene	24	D	1.8	4.6	18	ug/Kg
83-32-9	Acenaphthene	17	JD	1	4.6	18	ug/Kg
86-73-7	Fluorene	16	JD	1.2	4.6	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.3	37	ug/Kg
85-01-8	Phenanthrene	220	D	1	4.6	18	ug/Kg
120-12-7	Anthracene	50	D	0.95	4.6	18	ug/Kg
206-44-0	Fluoranthene	410	ED	1	4.6	18	ug/Kg
129-00-0	Pyrene	270	D	1.3	4.6	18	ug/Kg
56-55-3	Benzo(a)anthracene	180	D	0.52	4.6	18	ug/Kg
218-01-9	Chrysene	190	D	1.4	4.6	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	D	2.6	4.6	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	D	1.8	4.6	18	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	1.8	4.6	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	D	2.9	4.6	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	2.6	4.6	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12	JD	4.2	4.6	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.255		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3854	7.459				
1146-65-2	Naphthalene-d8	10846	10.211				
15067-26-2	Acenaphthene-d10	6663	14.109				

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK3DL	SDG No.:	BM072924
Lab Sample ID:	P3263-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046890.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13410	16.863				
1719-03-5	Chrysene-d12	9321	21.079				
1520-96-3	Perylene-d12	9713	23.206				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK4DL	SDG No.:	BM072924
Lab Sample ID:	P3263-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046891.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	38	ug/Kg
91-20-3	Naphthalene	84	D	1.1	4.6	19	ug/Kg
90-12-0	1-Methylnaphthalene	48	D	2.9	4.6	19	ug/Kg
91-57-6	2-Methylnaphthalene	69	D	1.1	4.6	19	ug/Kg
208-96-8	Acenaphthylene	130	D	1.9	4.6	19	ug/Kg
83-32-9	Acenaphthene	110	D	1	4.6	19	ug/Kg
86-73-7	Fluorene	150	D	1.2	4.6	19	ug/Kg
87-86-5	Pentachlorophenol	15	JD	11	9.4	38	ug/Kg
85-01-8	Phenanthrene	1400	ED	1	4.6	19	ug/Kg
120-12-7	Anthracene	290	D	0.96	4.6	19	ug/Kg
206-44-0	Fluoranthene	2500	ED	1	4.6	19	ug/Kg
129-00-0	Pyrene	1700	ED	1.3	4.6	19	ug/Kg
56-55-3	Benzo(a)anthracene	1000	ED	0.52	4.6	19	ug/Kg
218-01-9	Chrysene	1000	ED	1.4	4.6	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	ED	2.6	4.6	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	380	ED	1.8	4.6	19	ug/Kg
50-32-8	Benzo(a)pyrene	550	ED	1.8	4.6	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	ED	2.9	4.6	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	D	2.6	4.6	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	D	4.2	4.6	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.935		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	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	3934	7.455				
1146-65-2	Naphthalene-d8	11800	10.216				
15067-26-2	Acenaphthene-d10	7815	14.104				

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK4DL	SDG No.:	BM072924
Lab Sample ID:	P3263-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BM046891.D	5	7/16/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14899	16.863				
1719-03-5	Chrysene-d12	7593	21.079				
1520-96-3	Perylene-d12	8647	23.209				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BM072924
Lab Sample ID:	P3336-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM046892.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.07	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.774		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.382		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3070		7.455			
1146-65-2	Naphthalene-d8	8985		10.215			
15067-26-2	Acenaphthene-d10	5686		14.108			

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	F7E87	SDG No.:	BM072924
Lab Sample ID:	P3336-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM046892.D	1	7/26/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11971	16.866				
1719-03-5	Chrysene-d12	8413	21.079				
1520-96-3	Perylene-d12	7799	23.204				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM072924
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM046893.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	8500	E	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1300	E	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2900	E	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	75	E	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	1300	E	0.22	1	4	ug/Kg
86-73-7	Fluorene	1200	E	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	4300	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	710	E	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	2700	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	1600	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	510	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	370	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	190	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.667		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.259		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3501		7.455			
1146-65-2	Naphthalene-d8	10466		10.216			
15067-26-2	Acenaphthene-d10	9377		14.104			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13	SDG No.:	BM072924
Lab Sample ID:	P3329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM046893.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13008	16.867				
1719-03-5	Chrysene-d12	7345	21.079				
1520-96-3	Perylene-d12	7820	23.203				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM072924
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046894.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	1.3	J	0.24	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	4	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	1.8	J	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	1.2	J	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	8.4		0.22	0.99	4	ug/Kg
129-00-0	Pyrene	12		0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	5		0.11	0.99	4	ug/Kg
218-01-9	Chrysene	6.6		0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.56	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.5	J	0.38	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	6.2		0.38	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.6	J	0.62	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	0.56	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.6	J	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.845		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3273		7.455			
1146-65-2	Naphthalene-d8	10270		10.21			
15067-26-2	Acenaphthene-d10	6707		14.104			

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E21	SDG No.:	BM072924
Lab Sample ID:	P3329-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046894.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13624	16.862				
1719-03-5	Chrysene-d12	7327	21.078				
1520-96-3	Perylene-d12	6795	23.206				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM072924
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046895.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	1.1	J	0.23	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	1	J	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.9	J	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	1	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	7.5		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	2	J	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	14		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	13		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	5.9		0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.1		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.9	J	0.37	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	5.1		0.37	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.7	J	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.98	J	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.7	J	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.442		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.261		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3286		7.455			
1146-65-2	Naphthalene-d8	10239		10.211			
15067-26-2	Acenaphthene-d10	6687		14.104			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	F7E22	SDG No.:	BM072924
Lab Sample ID:	P3329-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046895.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13403	16.863				
1719-03-5	Chrysene-d12	7832	21.076				
1520-96-3	Perylene-d12	7208	23.203				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM072924
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046896.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	1	J	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	1.1	J	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	2.1	J	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	2.8	J	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	19		0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	6.4		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	30		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	23		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	7.9		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	8.9		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.5		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.7		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	5.4		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.4	J	0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.94	J	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.4	J	0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.501		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.179		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.17		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3389		7.455			
1146-65-2	Naphthalene-d8	10081		10.21			
15067-26-2	Acenaphthene-d10	6263		14.104			

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E23	SDG No.:	BM072924
Lab Sample ID:	P3329-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046896.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11776	16.862				
1719-03-5	Chrysene-d12	7642	21.076				
1520-96-3	Perylene-d12	7246	23.203				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM072924
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046897.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	300	E	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	22		0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	29		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.9	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	11		0.22	1	4	ug/Kg
86-73-7	Fluorene	11		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	27		0.22	1	4	ug/Kg
120-12-7	Anthracene	4.2		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	9.9		0.22	1	4	ug/Kg
129-00-0	Pyrene	7.4		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	3.2	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	3	J	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.1	J	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.2	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	1.6	J	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.362		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.183		30-130		46	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	3309		7.455			
1146-65-2	Naphthalene-d8	10085		10.211			
15067-26-2	Acenaphthene-d10	6447		14.104			

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E24	SDG No.:	BM072924
Lab Sample ID:	P3329-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046897.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12399	16.863				
1719-03-5	Chrysene-d12	10100	21.076				
1520-96-3	Perylene-d12	7174	23.203				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM072924
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046898.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

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	74	E	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	5.3		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.42	U	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	3.7	J	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	1.7	J	0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	2.3	J	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	0.22	U	0.22	1	4.2	ug/Kg
206-44-0	Fluoranthene	1.2	J	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	0.32	U	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.41	U	0.41	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	U	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.95	U	0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.683		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3226		7.455			
1146-65-2	Naphthalene-d8	9752		10.209			
15067-26-2	Acenaphthene-d10	6025		14.103			

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E26	SDG No.:	BM072924
Lab Sample ID:	P3329-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21
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
BM046898.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11527	16.861				
1719-03-5	Chrysene-d12	7467	21.076				
1520-96-3	Perylene-d12	7148	23.201				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM072924
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.9
Sample Wt/Vol:	30	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
BM046899.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	1500	E	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	230	E	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	500	E	0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	19		0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	340	E	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	310	E	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	780	E	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	120	E	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	290	E	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	180	E	0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	69	E	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	52		0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	36		0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	28		0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.4		0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.4	J	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7		0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.109		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3641		7.455			
1146-65-2	Naphthalene-d8	10748		10.211			
15067-26-2	Acenaphthene-d10	7008		14.104			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E14	SDG No.:	BM072924
Lab Sample ID:	P3329-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.9
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
BM046899.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13587	16.863				
1719-03-5	Chrysene-d12	12063	21.073				
1520-96-3	Perylene-d12	8607	23.2				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM072924
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046900.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	760	E	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	82	E	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	170	E	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	5.9		0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	120	E	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	100	E	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	240	E	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	31		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	110	E	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	68	E	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	19		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	15		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.8		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	7.9		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	J	0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.8	J	0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.108		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.213		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.216		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3054		7.455			
1146-65-2	Naphthalene-d8	8925		10.211			
15067-26-2	Acenaphthene-d10	5607		14.104			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E15	SDG No.:	BM072924
Lab Sample ID:	P3329-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.3
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
BM046900.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11311	16.863				
1719-03-5	Chrysene-d12	7893	21.073				
1520-96-3	Perylene-d12	7334	23.197				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM072924
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
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
BM046901.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	740	E	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	70	E	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	150	E	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	4.9		0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	95	E	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	80	E	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	180	E	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	22		0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	73	E	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	45		0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	10		0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	7		0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.9	J	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	5.2		0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	J	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	J	0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.279		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.238		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	3137		7.455			
1146-65-2	Naphthalene-d8	9073		10.209			
15067-26-2	Acenaphthene-d10	5620		14.103			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E16	SDG No.:	BM072924
Lab Sample ID:	P3329-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046901.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11427	16.861				
1719-03-5	Chrysene-d12	8235	21.073				
1520-96-3	Perylene-d12	7564	23.198				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM072924
Lab Sample ID:	PB162176BL	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
BM046903.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

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	4.382		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.292		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.419		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3763	7.455				
1146-65-2	Naphthalene-d8	11426	10.209				
15067-26-2	Acenaphthene-d10	7095	14.103				

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK176	SDG No.:	BM072924
Lab Sample ID:	PB162176BL	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
BM046903.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14331	16.861				
1719-03-5	Chrysene-d12	8349	21.073				
1520-96-3	Perylene-d12	7780	23.198				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK178	SDG No.:	BM072924
Lab Sample ID:	PB162178BL	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
BM046904.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

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	6.151		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.358		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2521	7.455				
1146-65-2	Naphthalene-d8	7125	10.209				
15067-26-2	Acenaphthene-d10	4283	14.103				

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK178	SDG No.:	BM072924
Lab Sample ID:	PB162178BL	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
BM046904.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9244	16.861				
1719-03-5	Chrysene-d12	6927	21.073				
1520-96-3	Perylene-d12	6532	23.201				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1G91	SDG No.:	BM072924
Lab Sample ID:	P3300-01	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
BM046905.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

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	0.03	J	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	3.591		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.212		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3082	7.451				
1146-65-2	Naphthalene-d8	14980	10.211				
15067-26-2	Acenaphthene-d10	5866	14.1				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1G91	SDG No.:	BM072924
Lab Sample ID:	P3300-01	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
BM046905.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12030	16.858				
1719-03-5	Chrysene-d12	7700	21.073				
1520-96-3	Perylene-d12	7292	23.2				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GA4	SDG No.:	BM072924
Lab Sample ID:	P3300-02	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
BM046906.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

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	4.56		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.393		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2800	7.451				
1146-65-2	Naphthalene-d8	8077	10.211				
15067-26-2	Acenaphthene-d10	4937	14.1				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GA4	SDG No.:	BM072924
Lab Sample ID:	P3300-02	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
BM046906.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9981	16.858				
1719-03-5	Chrysene-d12	7412	21.076				
1520-96-3	Perylene-d12	6684	23.197				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GD3	SDG No.:	BM072924
Lab Sample ID:	P3300-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM046907.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.417		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	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	3100		7.451			
1146-65-2	Naphthalene-d8	9270		10.209			
15067-26-2	Acenaphthene-d10	6159		14.103			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GD3	SDG No.:	BM072924
Lab Sample ID:	P3300-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046907.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11901	16.857				
1719-03-5	Chrysene-d12	7048	21.073				
1520-96-3	Perylene-d12	6421	23.201				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GE7	SDG No.:	BM072924
Lab Sample ID:	P3300-04	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
BM046908.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

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	2.374		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.108	*	30-130		27	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.068	*	30-130		17	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3712		7.451			
1146-65-2	Naphthalene-d8	8065		10.209			
15067-26-2	Acenaphthene-d10	5101		14.103			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	E1GE7	SDG No.:	BM072924
Lab Sample ID:	P3300-04	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
BM046908.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9424	16.857				
1719-03-5	Chrysene-d12	6100	21.076				
1520-96-3	Perylene-d12	6241	23.201				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GA5	SDG No.:	BM072924
Lab Sample ID:	P3300-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM046909.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.06	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.05	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.04	J	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.455		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2766		7.455			
1146-65-2	Naphthalene-d8	8120		10.21			
15067-26-2	Acenaphthene-d10	5529		14.099			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1GA5	SDG No.:	BM072924
Lab Sample ID:	P3300-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046909.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12353	16.858				
1719-03-5	Chrysene-d12	7191	21.076				
1520-96-3	Perylene-d12	7010	23.2				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93	SDG No.:	BM072924
Lab Sample ID:	P3300-06	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
BM046910.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

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	0.06	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	3.837		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.252		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3242	7.451				
1146-65-2	Naphthalene-d8	9769	10.205				
15067-26-2	Acenaphthene-d10	6264	14.1				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93	SDG No.:	BM072924
Lab Sample ID:	P3300-06	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
BM046910.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12897	16.858				
1719-03-5	Chrysene-d12	11599	21.073				
1520-96-3	Perylene-d12	10112	23.194				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93MS	SDG No.:	BM072924
Lab Sample ID:	P3300-07MS	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
BM046911.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.65		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.48		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.82		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	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		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	0.35		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.29		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.249		15-120		31	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.404		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.464		30-130		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2854	7.451				
1146-65-2	Naphthalene-d8	7874	10.205				
15067-26-2	Acenaphthene-d10	4879	14.099				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93MS	SDG No.:	BM072924
Lab Sample ID:	P3300-07MS	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
BM046911.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9340	16.858				
1719-03-5	Chrysene-d12	7162	21.073				
1520-96-3	Perylene-d12	7883	23.197				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93MSD	SDG No.:	BM072924
Lab Sample ID:	P3300-08MSD	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
BM046912.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.61		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.33		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.22		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.23		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		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	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.81		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	0.37		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		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	0.35		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.29		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.233		15-120		29	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.212		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2757	7.451				
1146-65-2	Naphthalene-d8	12642	10.209				
15067-26-2	Acenaphthene-d10	5137	14.098				

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	E1G93MSD	SDG No.:	BM072924
Lab Sample ID:	P3300-08MSD	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
BM046912.D	1	7/19/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162178

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10232	16.857				
1719-03-5	Chrysene-d12	6922	21.073				
1520-96-3	Perylene-d12	7453	23.195				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BD7DL								
P3263-11DL	A4BD7DL	Solid	Total Alkanes	*	0.000	D 4.9	37	ug/Kg
			Total Tics :			0.00		
P3263-11DL	A4BD7DL	Solid	2-Methylnaphthalene		4.800	JD 1	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Acenaphthene		6.800	JD 0.99	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Acenaphthylene		11.000	JD 1.8	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Anthracene		18.000	D 0.94	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Benzo(a)anthracene		49.000	D 0.51	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Benzo(a)pyrene		53.000	D 1.8	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Benzo(b)fluoranthene		57.000	D 2.6	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Benzo(g,h,i)perylene		28.000	D 4.1	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Benzo(k)fluoranthene		20.000	D 1.8	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Chrysene		51.000	D 1.4	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Dibenzo(a,h)anthracene		8.600	JD 2.6	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Fluoranthene		110.000	D 0.99	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Fluorene		7.200	JD 1.2	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Indeno(1,2,3-cd)pyrene		25.000	D 2.9	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Naphthalene		7.500	JD 1.1	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Phenanthrene		77.000	D 0.99	18	ug/Kg
P3263-11DL	A4BD7DL	Solid	Pyrene		95.000	D 1.3	18	ug/Kg
			Total Svoc :			628.90		
			Total Concentration:			628.90		
Client ID : A4CG6DL								
P3263-12DL	A4CG6DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
			Total Tics :			0.00		
P3263-12DL	A4CG6DL	Solid	1-Methylnaphthalene		12.000	JD 3.2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	2-Methylnaphthalene		21.000	D 1.2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Acenaphthene		12.000	JD 1.1	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Acenaphthylene		43.000	D 2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Anthracene		52.000	D 1	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Benzo(a)anthracene		210.000	D 0.57	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Benzo(a)pyrene		150.000	D 2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Benzo(b)fluoranthene		350.000	ED 2.9	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Benzo(g,h,i)perylene		19.000	JD 4.6	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Benzo(k)fluoranthene		120.000	D 2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Chrysene		270.000	D 1.5	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Dibenzo(a,h)anthracene		51.000	D 2.9	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Fluoranthene		460.000	ED 1.1	20	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-12DL	A4CG6DL	Solid	Fluorene	14.000	JD	1.3	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Indeno(1,2,3-cd)pyrene	110.000	D	3.2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Naphthalene	36.000	D	1.2	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Phenanthrene	230.000	D	1.1	20	ug/Kg
P3263-12DL	A4CG6DL	Solid	Pyrene	310.000	D	1.5	20	ug/Kg
Total Svoc :				2,470.00				
Total Concentration:				2,470.00				
Client ID : A4CK3DL								
P3263-15DL	A4CK3DL	Solid	Total Alkanes	*	0.000	D 5	37	ug/Kg
Total Tics :				0.00				
P3263-15DL	A4CK3DL	Solid	1-Methylnaphthalene	5.800	JD	2.9	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	2-Methylnaphthalene	8.500	JD	1.1	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Acenaphthene	17.000	JD	1	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Acenaphthylene	24.000	D	1.8	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Anthracene	50.000	D	0.95	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Benzo(a)anthracene	180.000	D	0.52	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Benzo(a)pyrene	110.000	D	1.8	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Benzo(b)fluoranthene	230.000	D	2.6	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Benzo(g,h,i)perylene	12.000	JD	4.2	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Benzo(k)fluoranthene	80.000	D	1.8	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Chrysene	190.000	D	1.4	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Dibenzo(a,h)anthracene	34.000	D	2.6	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Fluoranthene	410.000	ED	1	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Fluorene	16.000	JD	1.2	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Indeno(1,2,3-cd)pyrene	71.000	D	2.9	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Naphthalene	19.000	D	1.1	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Phenanthrene	220.000	D	1	18	ug/Kg
P3263-15DL	A4CK3DL	Solid	Pyrene	270.000	D	1.3	18	ug/Kg
Total Svoc :				1,947.30				
Total Concentration:				1,947.30				
Client ID : A4CK4DL								
P3263-16DL	A4CK4DL	Solid	Total Alkanes	*	0.000	D 5	38	ug/Kg
Total Tics :				0.00				
P3263-16DL	A4CK4DL	Solid	1-Methylnaphthalene	48.000	D	2.9	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	2-Methylnaphthalene	69.000	D	1.1	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Acenaphthene	110.000	D	1	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Acenaphthylene	130.000	D	1.9	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Anthracene	290.000	D	0.96	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Benzo(a)anthracene	1,000.000	ED	0.52	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Benzo(a)pyrene	550.000	ED	1.8	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-16DL	A4CK4DL	Solid	Benzo(b)fluoranthene	1,100.000	ED	2.6	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Benzo(g,h,i)perylene	65.000	D	4.2	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Benzo(k)fluoranthene	380.000	ED	1.8	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Chrysene	1,000.000	ED	1.4	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Dibenzo(a,h)anthracene	170.000	D	2.6	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Fluoranthene	2,500.000	ED	1	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Fluorene	150.000	D	1.2	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Indeno(1,2,3-cd)pyrene	370.000	ED	2.9	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Naphthalene	84.000	D	1.1	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Pentachlorophenol	15.000	JD	11	38	ug/Kg
P3263-16DL	A4CK4DL	Solid	Phenanthrene	1,400.000	ED	1	19	ug/Kg
P3263-16DL	A4CK4DL	Solid	Pyrene	1,700.000	ED	1.3	19	ug/Kg
Total Svoc :				11,131.00				
Total Concentration:				11,131.00				

Client ID : A4CM3DL

P3264-16DL	A4CM3DL	Solid	Total Alkanes	*	0.000	D	6.8	51	ug/Kg
Total Tics :				0.00					
P3264-16DL	A4CM3DL	Solid	1-Methylnaphthalene		9.700	JD	4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	2-Methylnaphthalene		12.000	JD	1.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Acenaphthene		39.000	D	1.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Acenaphthylene		30.000	D	2.5	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Anthracene		100.000	D	1.3	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Benzo(a)anthracene		340.000	D	0.71	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Benzo(a)pyrene		210.000	D	2.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Benzo(b)fluoranthene		400.000	D	3.6	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Benzo(g,h,i)perylene		19.000	JD	5.7	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Benzo(k)fluoranthene		150.000	D	2.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Chrysene		360.000	D	1.9	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Dibenzo(a,h)anthracene		44.000	D	3.6	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Fluoranthene		790.000	ED	1.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Fluorene		40.000	D	1.7	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Indeno(1,2,3-cd)pyrene		100.000	D	4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Naphthalene		20.000	JD	1.5	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Phenanthrene		520.000	ED	1.4	25	ug/Kg
P3264-16DL	A4CM3DL	Solid	Pyrene		560.000	ED	1.8	25	ug/Kg
Total Svoc :				3,743.70					
Total Concentration:				3,743.70					

Client ID : A4CM6DL

P3264-18DL	A4CM6DL	Solid	Total Alkanes	*	0.000	D	7.9	60	ug/Kg
Total Tics :				0.00					

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3264-18DL	A4CM6DL	Solid	1-Methylnaphthalene	12.000	JD	4.6	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	2-Methylnaphthalene	15.000	JD	1.7	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Acenaphthene	57.000	D	1.6	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Acenaphthylene	35.000	D	2.9	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Anthracene	130.000	D	1.5	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Benzo(a)anthracene	450.000	D	0.83	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Benzo(a)pyrene	330.000	D	2.9	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Benzo(b)fluoranthene	570.000	ED	4.2	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Benzo(g,h,i)perylene	35.000	D	6.7	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Benzo(k)fluoranthene	190.000	D	2.9	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Chrysene	480.000	ED	2.2	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Dibenzo(a,h)anthracene	79.000	D	4.2	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Fluoranthene	1,100.000	ED	1.6	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Fluorene	51.000	D	2	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Indeno(1,2,3-cd)pyrene	190.000	D	4.6	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Naphthalene	26.000	JD	1.8	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Phenanthrene	670.000	ED	1.6	29	ug/Kg
P3264-18DL	A4CM6DL	Solid	Pyrene	800.000	ED	2.1	29	ug/Kg

Total Svoc : 5,220.00
Total Concentration: 5,220.00

Client ID : E1G91

P3300-01	E1G91	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

P3300-01	E1G91	Water	Fluoranthene		0.030	J 0.0079	0.1	ug/L
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Total Svoc : 0.03
Total Concentration: 0.03

Client ID : E1GA4

P3300-02	E1GA4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GD3

P3300-03	E1GD3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
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Total Tics : 0.00

P3300-03	E1GD3	Water	Naphthalene		0.040	J 0	0.1	ug/L
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Total Svoc : 0.04
Total Concentration: 0.04

Client ID : E1GE7

P3300-04	E1GE7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.00				
Client ID : E1G93								
P3300-06	E1G93	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P3300-06	E1G93	Water	Naphthalene		0.060	J 0.0043	0.1	ug/L
Total Svoc :				0.06				
Total Concentration:				0.06				
Client ID : E1GA5								
P3300-09	E1GA5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3300-09	E1GA5	Water	1-Methylnaphthalene		0.030	J 0.02	0.1	ug/L
P3300-09	E1GA5	Water	2-Methylnaphthalene		0.050	J 0.01	0.1	ug/L
P3300-09	E1GA5	Water	Fluorene		0.040	J 0.01	0.1	ug/L
P3300-09	E1GA5	Water	Naphthalene		0.060	J 0	0.1	ug/L
P3300-09	E1GA5	Water	Phenanthrene		0.050	J 0.01	0.1	ug/L
Total Svoc :				0.23				
Total Concentration:				0.23				
Client ID : F7E13								
P3329-08	F7E13	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P3329-08	F7E13	Solid	1-Methylnaphthalene		1,300.000	E 0.64	4	ug/Kg
P3329-08	F7E13	Solid	2-Methylnaphthalene		2,900.000	E 0.23	4	ug/Kg
P3329-08	F7E13	Solid	Acenaphthene		1,300.000	E 0.22	4	ug/Kg
P3329-08	F7E13	Solid	Acenaphthylene		75.000	E 0.4	4	ug/Kg
P3329-08	F7E13	Solid	Anthracene		710.000	E 0.21	4	ug/Kg
P3329-08	F7E13	Solid	Benzo(a)anthracene		510.000	E 0.11	4	ug/Kg
P3329-08	F7E13	Solid	Benzo(a)pyrene		190.000	E 0.39	4	ug/Kg
P3329-08	F7E13	Solid	Benzo(b)fluoranthene		240.000	E 0.57	4	ug/Kg
P3329-08	F7E13	Solid	Benzo(g,h,i)perylene		39.000	0.92	4	ug/Kg
P3329-08	F7E13	Solid	Benzo(k)fluoranthene		89.000	E 0.39	4	ug/Kg
P3329-08	F7E13	Solid	Chrysene		370.000	E 0.31	4	ug/Kg
P3329-08	F7E13	Solid	Dibenzo(a,h)anthracene		16.000	0.57	4	ug/Kg
P3329-08	F7E13	Solid	Fluoranthene		2,700.000	E 0.22	4	ug/Kg
P3329-08	F7E13	Solid	Fluorene		1,200.000	E 0.27	4	ug/Kg
P3329-08	F7E13	Solid	Indeno(1,2,3-cd)pyrene		44.000	0.64	4	ug/Kg
P3329-08	F7E13	Solid	Naphthalene		8,500.000	E 0.24	4	ug/Kg
P3329-08	F7E13	Solid	Phenanthrene		4,300.000	E 0.22	4	ug/Kg
P3329-08	F7E13	Solid	Pyrene		1,600.000	E 0.29	4	ug/Kg
Total Svoc :				26,083.00				

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				26,083.00				
Client ID : F7E14								
P3329-09	F7E14	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
Total Tics :				0.00				
P3329-09	F7E14	Solid	1-Methylnaphthalene		230.000	E 0.62	3.9	ug/Kg
P3329-09	F7E14	Solid	2-Methylnaphthalene		500.000	E 0.23	3.9	ug/Kg
P3329-09	F7E14	Solid	Acenaphthene		340.000	E 0.21	3.9	ug/Kg
P3329-09	F7E14	Solid	Acenaphthylene		19.000	0.39	3.9	ug/Kg
P3329-09	F7E14	Solid	Anthracene		120.000	E 0.2	3.9	ug/Kg
P3329-09	F7E14	Solid	Benzo(a)anthracene		69.000	E 0.11	3.9	ug/Kg
P3329-09	F7E14	Solid	Benzo(a)pyrene		28.000	0.38	3.9	ug/Kg
P3329-09	F7E14	Solid	Benzo(b)fluoranthene		36.000	0.56	3.9	ug/Kg
P3329-09	F7E14	Solid	Benzo(g,h,i)perylene		5.700	0.89	3.9	ug/Kg
P3329-09	F7E14	Solid	Benzo(k)fluoranthene		13.000	0.38	3.9	ug/Kg
P3329-09	F7E14	Solid	Chrysene		52.000	0.3	3.9	ug/Kg
P3329-09	F7E14	Solid	Dibenzo(a,h)anthracene		2.400	J 0.56	3.9	ug/Kg
P3329-09	F7E14	Solid	Fluoranthene		290.000	E 0.21	3.9	ug/Kg
P3329-09	F7E14	Solid	Fluorene		310.000	E 0.26	3.9	ug/Kg
P3329-09	F7E14	Solid	Indeno(1,2,3-cd)pyrene		6.400	0.62	3.9	ug/Kg
P3329-09	F7E14	Solid	Naphthalene		1,500.000	E 0.24	3.9	ug/Kg
P3329-09	F7E14	Solid	Phenanthrene		780.000	E 0.21	3.9	ug/Kg
P3329-09	F7E14	Solid	Pyrene		180.000	E 0.29	3.9	ug/Kg
Total Svoc :				4,481.50				
Total Concentration:				4,481.50				
Client ID : F7E15								
P3329-10	F7E15	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P3329-10	F7E15	Solid	1-Methylnaphthalene		82.000	E 0.58	3.7	ug/Kg
P3329-10	F7E15	Solid	2-Methylnaphthalene		170.000	E 0.21	3.7	ug/Kg
P3329-10	F7E15	Solid	Acenaphthene		120.000	E 0.2	3.7	ug/Kg
P3329-10	F7E15	Solid	Acenaphthylene		5.900	0.37	3.7	ug/Kg
P3329-10	F7E15	Solid	Anthracene		31.000	0.19	3.7	ug/Kg
P3329-10	F7E15	Solid	Benzo(a)anthracene		19.000	0.1	3.7	ug/Kg
P3329-10	F7E15	Solid	Benzo(a)pyrene		7.900	0.36	3.7	ug/Kg
P3329-10	F7E15	Solid	Benzo(b)fluoranthene		10.000	0.53	3.7	ug/Kg
P3329-10	F7E15	Solid	Benzo(g,h,i)perylene		1.800	J 0.84	3.7	ug/Kg
P3329-10	F7E15	Solid	Benzo(k)fluoranthene		3.800	0.36	3.7	ug/Kg
P3329-10	F7E15	Solid	Chrysene		15.000	0.28	3.7	ug/Kg
P3329-10	F7E15	Solid	Fluoranthene		110.000	E 0.2	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-10	F7E15	Solid	Fluorene	100.000	E	0.25	3.7	ug/Kg
P3329-10	F7E15	Solid	Indeno(1,2,3-cd)pyrene	1.900	J	0.58	3.7	ug/Kg
P3329-10	F7E15	Solid	Naphthalene	760.000	E	0.22	3.7	ug/Kg
P3329-10	F7E15	Solid	Phenanthrene	240.000	E	0.2	3.7	ug/Kg
P3329-10	F7E15	Solid	Pyrene	68.000	E	0.27	3.7	ug/Kg
Total Svoc :				1,746.30				
Total Concentration:				1,746.30				
Client ID : F7E16								
P3329-11	F7E16	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
P3329-11	F7E16	Solid	1-Methylnaphthalene	70.000	E	0.57	3.6	ug/Kg
P3329-11	F7E16	Solid	2-Methylnaphthalene	150.000	E	0.21	3.6	ug/Kg
P3329-11	F7E16	Solid	Acenaphthene	95.000	E	0.2	3.6	ug/Kg
P3329-11	F7E16	Solid	Acenaphthylene	4.900		0.36	3.6	ug/Kg
P3329-11	F7E16	Solid	Anthracene	22.000		0.19	3.6	ug/Kg
P3329-11	F7E16	Solid	Benzo(a)anthracene	13.000		0.1	3.6	ug/Kg
P3329-11	F7E16	Solid	Benzo(a)pyrene	5.200		0.35	3.6	ug/Kg
P3329-11	F7E16	Solid	Benzo(b)fluoranthene	7.000		0.52	3.6	ug/Kg
P3329-11	F7E16	Solid	Benzo(g,h,i)perylene	1.300	J	0.83	3.6	ug/Kg
P3329-11	F7E16	Solid	Benzo(k)fluoranthene	2.900	J	0.35	3.6	ug/Kg
P3329-11	F7E16	Solid	Chrysene	10.000		0.28	3.6	ug/Kg
P3329-11	F7E16	Solid	Fluoranthene	73.000	E	0.2	3.6	ug/Kg
P3329-11	F7E16	Solid	Fluorene	80.000	E	0.24	3.6	ug/Kg
P3329-11	F7E16	Solid	Indeno(1,2,3-cd)pyrene	1.400	J	0.57	3.6	ug/Kg
P3329-11	F7E16	Solid	Naphthalene	740.000	E	0.22	3.6	ug/Kg
P3329-11	F7E16	Solid	Phenanthrene	180.000	E	0.2	3.6	ug/Kg
P3329-11	F7E16	Solid	Pyrene	45.000		0.26	3.6	ug/Kg
Total Svoc :				1,500.70				
Total Concentration:				1,500.70				
Client ID : F7E21								
P3329-13	F7E21	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
Total Tics :				0.00				
P3329-13	F7E21	Solid	Acenaphthylene	1.200	J	0.4	4	ug/Kg
P3329-13	F7E21	Solid	Anthracene	1.200	J	0.2	4	ug/Kg
P3329-13	F7E21	Solid	Benzo(a)anthracene	5.000		0.11	4	ug/Kg
P3329-13	F7E21	Solid	Benzo(a)pyrene	6.200		0.38	4	ug/Kg
P3329-13	F7E21	Solid	Benzo(b)fluoranthene	11.000		0.56	4	ug/Kg
P3329-13	F7E21	Solid	Benzo(g,h,i)perylene	3.600	J	0.9	4	ug/Kg
P3329-13	F7E21	Solid	Benzo(k)fluoranthene	3.500	J	0.38	4	ug/Kg
P3329-13	F7E21	Solid	Chrysene	6.600		0.3	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-13	F7E21	Solid	Dibenzo(a,h)anthracene	1.300	J	0.56	4	ug/Kg
P3329-13	F7E21	Solid	Fluoranthene	8.400		0.22	4	ug/Kg
P3329-13	F7E21	Solid	Indeno(1,2,3-cd)pyrene	3.600	J	0.62	4	ug/Kg
P3329-13	F7E21	Solid	Naphthalene	1.300	J	0.24	4	ug/Kg
P3329-13	F7E21	Solid	Phenanthrene	1.800	J	0.22	4	ug/Kg
P3329-13	F7E21	Solid	Pyrene	12.000		0.29	4	ug/Kg
Total Svoc :				66.70				
Total Concentration:				66.70				
Client ID : F7E22								
P3329-14	F7E22	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P3329-14	F7E22	Solid	Acenaphthene	0.900	J	0.21	3.9	ug/Kg
P3329-14	F7E22	Solid	Acenaphthylene	1.000	J	0.39	3.9	ug/Kg
P3329-14	F7E22	Solid	Anthracene	2.000	J	0.2	3.9	ug/Kg
P3329-14	F7E22	Solid	Benzo(a)anthracene	4.600		0.11	3.9	ug/Kg
P3329-14	F7E22	Solid	Benzo(a)pyrene	5.100		0.37	3.9	ug/Kg
P3329-14	F7E22	Solid	Benzo(b)fluoranthene	9.100		0.55	3.9	ug/Kg
P3329-14	F7E22	Solid	Benzo(g,h,i)perylene	2.700	J	0.88	3.9	ug/Kg
P3329-14	F7E22	Solid	Benzo(k)fluoranthene	2.900	J	0.37	3.9	ug/Kg
P3329-14	F7E22	Solid	Chrysene	5.900		0.29	3.9	ug/Kg
P3329-14	F7E22	Solid	Dibenzo(a,h)anthracene	0.980	J	0.55	3.9	ug/Kg
P3329-14	F7E22	Solid	Fluoranthene	14.000		0.21	3.9	ug/Kg
P3329-14	F7E22	Solid	Fluorene	1.000	J	0.26	3.9	ug/Kg
P3329-14	F7E22	Solid	Indeno(1,2,3-cd)pyrene	2.700	J	0.61	3.9	ug/Kg
P3329-14	F7E22	Solid	Naphthalene	1.100	J	0.23	3.9	ug/Kg
P3329-14	F7E22	Solid	Phenanthrene	7.500		0.21	3.9	ug/Kg
P3329-14	F7E22	Solid	Pyrene	13.000		0.28	3.9	ug/Kg
Total Svoc :				74.48				
Total Concentration:				74.48				
Client ID : F7E23								
P3329-15	F7E23	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P3329-15	F7E23	Solid	Acenaphthene	2.100	J	0.2	3.7	ug/Kg
P3329-15	F7E23	Solid	Acenaphthylene	1.100	J	0.37	3.7	ug/Kg
P3329-15	F7E23	Solid	Anthracene	6.400		0.19	3.7	ug/Kg
P3329-15	F7E23	Solid	Benzo(a)anthracene	7.900		0.1	3.7	ug/Kg
P3329-15	F7E23	Solid	Benzo(a)pyrene	5.400		0.36	3.7	ug/Kg
P3329-15	F7E23	Solid	Benzo(b)fluoranthene	9.500		0.53	3.7	ug/Kg
P3329-15	F7E23	Solid	Benzo(g,h,i)perylene	2.400	J	0.84	3.7	ug/Kg
P3329-15	F7E23	Solid	Benzo(k)fluoranthene	3.700		0.36	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-15	F7E23	Solid	Chrysene	8.900		0.28	3.7	ug/Kg
P3329-15	F7E23	Solid	Dibenzo(a,h)anthracene	0.940	J	0.53	3.7	ug/Kg
P3329-15	F7E23	Solid	Fluoranthene	30.000		0.2	3.7	ug/Kg
P3329-15	F7E23	Solid	Fluorene	2.800	J	0.25	3.7	ug/Kg
P3329-15	F7E23	Solid	Indeno(1,2,3-cd)pyrene	2.400	J	0.58	3.7	ug/Kg
P3329-15	F7E23	Solid	Naphthalene	1.000	J	0.22	3.7	ug/Kg
P3329-15	F7E23	Solid	Phenanthrene	19.000		0.2	3.7	ug/Kg
P3329-15	F7E23	Solid	Pyrene	23.000		0.27	3.7	ug/Kg
Total Svoc :				126.54				
Total Concentration:				126.54				
Client ID : F7E24								
P3329-16	F7E24	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P3329-16	F7E24	Solid	1-Methylnaphthalene	22.000		0.64	4	ug/Kg
P3329-16	F7E24	Solid	2-Methylnaphthalene	29.000		0.23	4	ug/Kg
P3329-16	F7E24	Solid	Acenaphthene	11.000		0.22	4	ug/Kg
P3329-16	F7E24	Solid	Acenaphthylene	0.900	J	0.4	4	ug/Kg
P3329-16	F7E24	Solid	Anthracene	4.200		0.21	4	ug/Kg
P3329-16	F7E24	Solid	Benzo(a)anthracene	3.200	J	0.11	4	ug/Kg
P3329-16	F7E24	Solid	Benzo(a)pyrene	1.600	J	0.39	4	ug/Kg
P3329-16	F7E24	Solid	Benzo(b)fluoranthene	3.100	J	0.58	4	ug/Kg
P3329-16	F7E24	Solid	Benzo(k)fluoranthene	1.200	J	0.39	4	ug/Kg
P3329-16	F7E24	Solid	Chrysene	3.000	J	0.31	4	ug/Kg
P3329-16	F7E24	Solid	Fluoranthene	9.900		0.22	4	ug/Kg
P3329-16	F7E24	Solid	Fluorene	11.000		0.27	4	ug/Kg
P3329-16	F7E24	Solid	Naphthalene	300.000	E	0.24	4	ug/Kg
P3329-16	F7E24	Solid	Phenanthrene	27.000		0.22	4	ug/Kg
P3329-16	F7E24	Solid	Pyrene	7.400		0.29	4	ug/Kg
Total Svoc :				434.50				
Total Concentration:				434.50				
Client ID : F7E26								
P3329-18	F7E26	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P3329-18	F7E26	Solid	1-Methylnaphthalene	5.300		0.66	4.2	ug/Kg
P3329-18	F7E26	Solid	2-Methylnaphthalene	13.000		0.24	4.2	ug/Kg
P3329-18	F7E26	Solid	Acenaphthene	3.700	J	0.23	4.2	ug/Kg
P3329-18	F7E26	Solid	Fluoranthene	1.200	J	0.23	4.2	ug/Kg
P3329-18	F7E26	Solid	Fluorene	1.700	J	0.28	4.2	ug/Kg
P3329-18	F7E26	Solid	Naphthalene	74.000	E	0.25	4.2	ug/Kg
P3329-18	F7E26	Solid	Phenanthrene	2.300	J	0.23	4.2	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM072924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			101.20		
			Total Concentration:			101.20		
Client ID : F7E85								
P3329-19	F7E85	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3329-19	F7E85	Water	Naphthalene		0.050	J 0	0.1	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID : F7E87								
P3336-01	F7E87	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3336-01	F7E87	Water	Naphthalene		0.070	J 0	0.1	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM072424 SAS No.: BM072424 SDG No.: BM072424
Instrument ID: _____ Calibration Date(s): 7/24/2024 : _____
Calibration Time(s): 09:37 _____

LAB FILE ID:		RRFAL2 = BM046783.D			RRFAL3 = BM046784.D		RRFAL4 = BM046785.D	
		RRFAL5 = BM046786.D			RRFAL6 = BM046787.D		RRFAL1 = BM046788.D	
COMPOUND	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL1	RRF	% RSD
1,4-Dioxane	0.317	0.347	0.329	0.305	0.304		0.320	5.6
1,4-Dioxane-d8	0.280	0.273	0.289	0.280	0.279		0.280	2.1
Naphthalene	0.996	1.004	1.033	0.983		1.042	1.012	2.5
1-Methylnaphthalene	0.694	0.699	0.717	0.693		0.793	0.719	5.9
2-Methylnaphthalene	0.674	0.690	0.697	0.672		0.748	0.696	4.4
Acenaphthylene	1.826	1.803	1.918	1.841		1.772	1.832	3.0
Acenaphthene	1.238	1.212	1.275	1.230		1.262	1.243	2.0
Fluorene	1.880	1.418	1.494	1.463		1.515	1.554	12.0
Pentachlorophenol	0.184	0.163	0.166	0.166	0.226		0.181	14.5
Phenanthrene	1.126	1.124	1.155	1.117		1.226	1.150	3.9
Anthracene	1.064	1.064	1.102	1.074		1.048	1.070	1.9
Fluoranthene	1.671	1.635	1.760	1.722		1.996	1.757	8.1
Pyrene	1.700	1.708	1.810	1.765		2.104	1.817	9.2
Benzo(a)anthracene	1.728	1.617	1.633	1.546		1.810	1.667	6.2
Chrysene	1.825	1.641	1.645	1.528		1.827	1.693	7.7
Benzo(b)fluoranthene	2.049	1.677	1.697	1.521		1.837	1.756	11.3
Benzo(k)fluoranthene	2.057	1.696	1.703	1.490		1.902	1.770	12.2
Benzo(a)pyrene	1.284	1.237	1.298	1.182		1.302	1.261	4.1
Indeno(1,2,3-cd)pyrene	2.190	1.931	1.980	1.754		1.846	1.940	8.5
Dibenzo(a,h)anthracene	1.600	1.413	1.454	1.295		1.339	1.420	8.3
Benzo(g,h,i)perylene	1.896	1.685	1.699	1.562		1.702	1.709	7.0
Fluoranthene-d10	1.218	1.226	1.335	1.304		1.431	1.303	6.7
2-Methylnaphthalene-d10	0.622	0.618	0.638	0.614		0.688	0.636	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4045

Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046784.D

Time Analyzed: 13:36

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2611	7.472	6076	10.23	3515	14.12
	UPPER LIMIT	5222	7.972	12152	10.733	7030	14.618
	LOWER LIMIT	1305.5	6.972	3038	9.733	1757.5	13.618
	EPA SAMPLE NO.						
01	SBLK297	3666	7.46	11069	10.22	6877	14.11
02	F7E85	3660	7.46	11467	10.22	7382 *	14.11
03	SLCS297	3358	7.46	8991	10.22	5441	14.11
04	SBLK220	3560	7.46	10866	10.22	6602	14.11
05	A4CM3DL	2603	7.46	7245	10.22	4507	14.11
06	A4CM6DL	2993	7.46	8646	10.22	5360	14.11
07	A4BD7DL	3086	7.46	8743	10.22	5432	14.11
08	A4CG6DL	3570	7.46	10115	10.22	6191	14.11
09	A4CK3DL	3854	7.46	10846	10.21	6663	14.11
10	A4CK4DL	3934	7.46	11800	10.22	7815 *	14.10
11	F7E87	3070	7.46	8985	10.22	5686	14.11
12	F7E13	3501	7.46	10466	10.22	9377 *	14.10
13	F7E21	3273	7.46	10270	10.21	6707	14.10
14	F7E22	3286	7.46	10239	10.21	6687	14.10
15	F7E23	3389	7.46	10081	10.21	6263	14.10
16	F7E24	3309	7.46	10085	10.21	6447	14.10
17	F7E26	3226	7.46	9752	10.21	6025	14.10
18	F7E14	3641	7.46	10748	10.21	7008	14.10
19	F7E15	3054	7.46	8925	10.21	5607	14.10
20	F7E16	3137	7.46	9073	10.21	5620	14.10
21	SBLK176	3763	7.46	11426	10.21	7095 *	14.10
22	SBLK178	2521	7.46	7125	10.21	4283	14.10
23	E1G91	3082	7.45	14980 *	10.21	5866	14.10

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4045 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046784.D Time Analyzed: 05:33

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	2611	7.472	6076	10.23	3515	14.12
UPPER LIMIT	5222	7.972	12152	10.733	7030	14.618
LOWER LIMIT	1305.5	6.972	3038	9.733	1757.5	13.618
EPA SAMPLE NO.						
24 E1GA4	2800	7.45	8077	10.21	4937	14.10
25 E1GD3	3100	7.45	9270	10.21	6159	14.10
26 E1GE7	3712	7.45	8065	10.21	5101	14.10
27 E1GA5	2766	7.46	8120	10.21	5529	14.10
28 E1G93	3242	7.45	9769	10.21	6264	14.10
29 E1G93MS	2854	7.45	7874	10.21	4879	14.10
30 E1G93MSD	2757	7.45	12642 *	10.21	5137	14.10

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4190 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046880.D Time Analyzed: 13:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3578	7.459	10414	10.22	10167	14.11
UPPER LIMIT	7156	7.959	20828	10.715	20334	14.608
LOWER LIMIT	1789	6.959	5207	9.715	5083.5	13.608
EPA SAMPLE NO.						
01 SBLK297	3666	7.46	11069	10.22	6877	14.11
02 F7E85	3660	7.46	11467	10.22	7382	14.11
03 SLCS297	3358	7.46	8991	10.22	5441	14.11

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4191 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046884.D Time Analyzed: 16:03

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	2919	7.459	8354	10.22	5106	14.11
	UPPER LIMIT	5838	7.959	16708	10.716	10212	14.609
	LOWER LIMIT	1459.5	6.959	4177	9.716	2553	13.609
	EPA SAMPLE NO.						
01	SBLK220	3560	7.46	10866	10.22	6602	14.11
02	A4CM3DL	2603	7.46	7245	10.22	4507	14.11
03	A4CM6DL	2993	7.46	8646	10.22	5360	14.11
04	A4BD7DL	3086	7.46	8743	10.22	5432	14.11
05	A4CG6DL	3570	7.46	10115	10.22	6191	14.11
06	A4CK3DL	3854	7.46	10846	10.21	6663	14.11
07	A4CK4DL	3934	7.46	11800	10.22	7815	14.10
08	F7E87	3070	7.46	8985	10.22	5686	14.11
09	F7E13	3501	7.46	10466	10.22	9377	14.10
10	F7E21	3273	7.46	10270	10.21	6707	14.10
11	F7E22	3286	7.46	10239	10.21	6687	14.10
12	F7E23	3389	7.46	10081	10.21	6263	14.10
13	F7E24	3309	7.46	10085	10.21	6447	14.10
14	F7E26	3226	7.46	9752	10.21	6025	14.10
15	F7E14	3641	7.46	10748	10.21	7008	14.10
16	F7E15	3054	7.46	8925	10.21	5607	14.10
17	F7E16	3137	7.46	9073	10.21	5620	14.10

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4191 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046884.D Time Analyzed: 01:54

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2919	7.459	8354	10.22	5106	14.11
UPPER LIMIT	5838	7.959	16708	10.716	10212	14.609
LOWER LIMIT	1459.5	6.959	4177	9.716	2553	13.609
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.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4192 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046902.D Time Analyzed: 03:43

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	3372	7.455	9094	10.21	5392	14.10
UPPER LIMIT	6744	7.955	18188	10.711	10784	14.604
LOWER LIMIT	1686	6.955	4547	9.711	2696	13.604
EPA SAMPLE NO.						
01 SBLK176	3763	7.46	11426	10.21	7095	14.10
02 SBLK178	2521	7.46	7125	10.21	4283	14.10
03 E1G91	3082	7.45	14980	10.21	5866	14.10
04 E1GA4	2800	7.45	8077	10.21	4937	14.10
05 E1GD3	3100	7.45	9270	10.21	6159	14.10
06 E1GE7	3712	7.45	8065	10.21	5101	14.10
07 E1GA5	2766	7.46	8120	10.21	5529	14.10
08 E1G93	3242	7.45	9769	10.21	6264	14.10
09 E1G93MS	2854	7.45	7874	10.21	4879	14.10
10 E1G93MSD	2757	7.45	12642	10.21	5137	14.10

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4045 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046784.D Time Analyzed: 13:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6760	16.871	5378	21.081	6482	23.209
	UPPER LIMIT	13520	17.371	10756	21.581	12964	23.709
	LOWER LIMIT	3380	16.371	2689	20.581	3241	22.709
	EPA SAMPLE NO.						
01	SBLK297	13713 *	16.87	7840	21.09	7233	23.21
02	F7E85	14013 *	16.87	8469	21.08	7404	23.21
03	SLCS297	11232	16.87	8232	21.08	9307	23.21
04	SBLK220	12751	16.87	8266	21.08	7621	23.21
05	A4CM3DL	9369	16.86	7491	21.08	10359	23.21
06	A4CM6DL	10128	16.87	7231	21.08	7838	23.21
07	A4BD7DL	11398	16.87	8806	21.08	9888	23.21
08	A4CG6DL	11643	16.87	8259	21.08	8727	23.21
09	A4CK3DL	13410	16.86	9321	21.08	9713	23.21
10	A4CK4DL	14899 *	16.86	7593	21.08	8647	23.21
11	F7E87	11971	16.87	8413	21.08	7799	23.20
12	F7E13	13008	16.87	7345	21.08	7820	23.20
13	F7E21	13624 *	16.86	7327	21.08	6795	23.21
14	F7E22	13403	16.86	7832	21.08	7208	23.20
15	F7E23	11776	16.86	7642	21.08	7246	23.20
16	F7E24	12399	16.86	10100	21.08	7174	23.20
17	F7E26	11527	16.86	7467	21.08	7148	23.20
18	F7E14	13587 *	16.86	12063 *	21.07	8607	23.20
19	F7E15	11311	16.86	7893	21.07	7334	23.20
20	F7E16	11427	16.86	8235	21.07	7564	23.20
21	SBLK176	14331 *	16.86	8349	21.07	7780	23.20

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4045 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046784.D Time Analyzed: 04:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6760	16.871	5378	21.081	6482	23.209
UPPER LIMIT	13520	17.371	10756	21.581	12964	23.709
LOWER LIMIT	3380	16.371	2689	20.581	3241	22.709
EPA SAMPLE NO.						
22 SBLK178	9244	16.86	6927	21.07	6532	23.20
23 E1G91	12030	16.86	7700	21.07	7292	23.20
24 E1GA4	9981	16.86	7412	21.08	6684	23.20
25 E1GD3	11901	16.86	7048	21.07	6421	23.20
26 E1GE7	9424	16.86	6100	21.08	6241	23.20
27 E1GA5	12353	16.86	7191	21.08	7010	23.20
28 E1G93	12897	16.86	11599 *	21.07	10112	23.19
29 E1G93MS	9340	16.86	7162	21.07	7883	23.20
30 E1G93MSD	10232	16.86	6922	21.07	7453	23.20

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.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4190 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046880.D Time Analyzed: 13:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12976	16.866	7499	21.082	8203	23.212
UPPER LIMIT	25952	17.366	14998	21.582	16406	23.712
LOWER LIMIT	6488	16.366	3749.5	20.582	4101.5	22.712
EPA SAMPLE NO.						
01 SBLK297	13713	16.87	7840	21.09	7233	23.21
02 F7E85	14013	16.87	8469	21.08	7404	23.21
03 SLCS297	11232	16.87	8232	21.08	9307	23.21

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.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4191 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BM046884.D Time Analyzed: 16:03

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	9584	16.867	6385	21.082	7108	23.209
	UPPER LIMIT	19168	17.367	12770	21.582	14216	23.709
	LOWER LIMIT	4792	16.367	3192.5	20.582	3554	22.709
	EPA SAMPLE NO.						
01	SBLK220	12751	16.87	8266	21.08	7621	23.21
02	A4CM3DL	9369	16.86	7491	21.08	10359	23.21
03	A4CM6DL	10128	16.87	7231	21.08	7838	23.21
04	A4BD7DL	11398	16.87	8806	21.08	9888	23.21
05	A4CG6DL	11643	16.87	8259	21.08	8727	23.21
06	A4CK3DL	13410	16.86	9321	21.08	9713	23.21
07	A4CK4DL	14899	16.86	7593	21.08	8647	23.21
08	F7E87	11971	16.87	8413	21.08	7799	23.20
09	F7E13	13008	16.87	7345	21.08	7820	23.20
10	F7E21	13624	16.86	7327	21.08	6795	23.21
11	F7E22	13403	16.86	7832	21.08	7208	23.20
12	F7E23	11776	16.86	7642	21.08	7246	23.20
13	F7E24	12399	16.86	10100	21.08	7174	23.20
14	F7E26	11527	16.86	7467	21.08	7148	23.20
15	F7E14	13587	16.86	12063	21.07	8607	23.20
16	F7E15	11311	16.86	7893	21.07	7334	23.20
17	F7E16	11427	16.86	8235	21.07	7564	23.20

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4191 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046884.D Time Analyzed: 01:54

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	9584	16.867	6385	21.082	7108	23.209
UPPER LIMIT	19168	17.367	12770	21.582	14216	23.709
LOWER LIMIT	4792	16.367	3192.5	20.582	3554	22.709
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.: BM072924 SAS No.: BM072924 SDG NO.: BM072924

EPA Sample No.: SSTD0.4192 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BM046902.D Time Analyzed: 03:43

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	10221	16.858	7067	21.073	8118	23.194
UPPER LIMIT	20442	17.358	14134	21.573	16236	23.694
LOWER LIMIT	5110.5	16.358	3533.5	20.573	4059	22.694
EPA SAMPLE NO.						
01 SBLK176	14331	16.86	8349	21.07	7780	23.20
02 SBLK178	9244	16.86	6927	21.07	6532	23.20
03 E1G91	12030	16.86	7700	21.07	7292	23.20
04 E1GA4	9981	16.86	7412	21.08	6684	23.20
05 E1GD3	11901	16.86	7048	21.07	6421	23.20
06 E1GE7	9424	16.86	6100	21.08	6241	23.20
07 E1GA5	12353	16.86	7191	21.08	7010	23.20
08 E1G93	12897	16.86	11599	21.07	10112	23.19
09 E1G93MS	9340	16.86	7162	21.07	7883	23.20
10 E1G93MSD	10232	16.86	6922	21.07	7453	23.20

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.: BM072924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162297BS	1,4-Dioxane	2	1.4	ug/L	70				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.35	ug/L	88				0	0	
	Pentachlorophenol	0.8	0.67	ug/L	84				0	0	
	Phenanthrene	0.4	0.35	ug/L	88				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.37	ug/L	93				0	0	
	Pyrene	0.4	0.37	ug/L	93				0	0	
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0	
	Chrysene	0.4	0.33	ug/L	83				0	0	
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				0	0	
	Benzo(k)fluoranthene	0.4	0.29	ug/L	73				0	0	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	0.4	0.3	ug/L	75				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK176

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072924

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046903.D

Lab Sample ID: PB162176BL

Instrument ID: BNA_M

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 03:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G91	P3300-01	BM046905.D	07/30/2024
E1GA4	P3300-02	BM046906.D	07/30/2024
E1GD3	P3300-03	BM046907.D	07/30/2024
E1GE7	P3300-04	BM046908.D	07/30/2024
E1GA5	P3300-09	BM046909.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK178

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072924

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046904.D

Lab Sample ID: PB162178BL

Instrument ID: BNA_M

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 04:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G93	P3300-06	BM046910.D	07/30/2024
E1G93MS	P3300-07MS	BM046911.D	07/30/2024
E1G93MSD	P3300-08MSD	BM046912.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK220

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072924

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046885.D

Lab Sample ID: PB162220BL

Instrument ID: BNA_M

Date Extracted: 07/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 16:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E13	P3329-08	BM046893.D	07/29/2024
F7E21	P3329-13	BM046894.D	07/29/2024
F7E22	P3329-14	BM046895.D	07/29/2024
F7E23	P3329-15	BM046896.D	07/29/2024
F7E24	P3329-16	BM046897.D	07/29/2024
F7E26	P3329-18	BM046898.D	07/30/2024
F7E14	P3329-09	BM046899.D	07/30/2024
F7E15	P3329-10	BM046900.D	07/30/2024
F7E16	P3329-11	BM046901.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

F7E85

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072924

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046882.D

Lab Sample ID: P3329-19

Instrument ID: BNA_M

Date Extracted: 07/23/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 14:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E85	P3329-19	BM046882.D	07/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK297

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072924

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046881.D

Lab Sample ID: PB162297BL

Instrument ID: BNA_M

Date Extracted: 07/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 13:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162297BS	PB162297BS	BM046883.D	07/29/2024
F7E87	P3336-01	BM046892.D	07/29/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM072924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3300-07MS		Client Sample ID: E1G93MS		DataFile: BM046911.D							
1,4-Dioxane	2		0.65	ug/L	33				15	120	
Naphthalene	0.4	0.06	0.34	ug/L	70				0	0	
1-Methylnaphthalene	0.4		0.35	ug/L	88				0	0	
2-Methylnaphthalene	0.4		0.48	ug/L	120				0	0	
Acenaphthylene	0.4		0.34	ug/L	85				0	0	
Acenaphthene	0.4		0.37	ug/L	93				46	118	
Fluorene	0.4		0.35	ug/L	88				0	0	
Pentachlorophenol	0.8		0.82	ug/L	103				9	103	
Phenanthrene	0.4		0.4	ug/L	100				0	0	
Anthracene	0.4		0.38	ug/L	95				0	0	
Fluoranthene	0.4		0.38	ug/L	95				0	0	
Pyrene	0.4		0.39	ug/L	98				26	127	
Benzo(a)anthracene	0.4		0.39	ug/L	98				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		0.35	ug/L	88				0	0	
Benzo(a)pyrene	0.4		0.41	ug/L	103				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.34	ug/L	85				0	0	
Dibenzo(a,h)anthracene	0.4		0.37	ug/L	93				0	0	
Benzo(g,h,i)perylene	0.4		0.29	ug/L	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM072924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3300-08MSD	Client Sample ID:	E1G93MSD					DataFile:	BM046912.D		
1,4-Dioxane	2		0.61	ug/L	31		6		15	120	50
Naphthalene	0.4	0.06	0.33	ug/L	68		3	*	0	0	0
1-Methylnaphthalene	0.4		0.22	ug/L	55		46	*	0	0	0
2-Methylnaphthalene	0.4		0.23	ug/L	58		70	*	0	0	0
Acenaphthylene	0.4		0.34	ug/L	85		0		0	0	0
Acenaphthene	0.4		0.36	ug/L	90		3		46	118	31
Fluorene	0.4		0.36	ug/L	90		2	*	0	0	0
Pentachlorophenol	0.8		0.81	ug/L	101		2		9	103	50
Phenanthrene	0.4		0.4	ug/L	100		0		0	0	0
Anthracene	0.4		0.37	ug/L	93		2	*	0	0	0
Fluoranthene	0.4		0.41	ug/L	103		8	*	0	0	0
Pyrene	0.4		0.4	ug/L	100		2		26	127	31
Benzo(a)anthracene	0.4		0.38	ug/L	95		3	*	0	0	0
Chrysene	0.4		0.38	ug/L	95		0		0	0	0
Benzo(b)fluoranthene	0.4		0.35	ug/L	88		0		0	0	0
Benzo(k)fluoranthene	0.4		0.35	ug/L	88		0		0	0	0
Benzo(a)pyrene	0.4		0.41	ug/L	103		0		0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.34	ug/L	85		0		0	0	0
Dibenzo(a,h)anthracene	0.4		0.37	ug/L	93		0		0	0	0
Benzo(g,h,i)perylene	0.4		0.29	ug/L	73		0		0	0	0

Surrogate Summary

SW-846

SDG No.: BM072924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3263-11DL	A4BD7DL	BM046888.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P3263-12DL	A4CG6DL	BM046889.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P3263-15DL	A4CK3DL	BM046890.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P3263-16DL	A4CK4DL	BM046891.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140

Surrogate Summary

SW-846

SDG No.: **BM072924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3264-16DL	A4CM3DL	BM046886.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3264-18DL	A4CM6DL	BM046887.D	1,4-Dioxane-d8	8	2.11	26		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140

Surrogate Summary

SW-846

SDG No.: **BM072924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3300-01	E1G91	BM046905.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130
P3300-02	E1GA4	BM046906.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130
P3300-03	E1GD3	BM046907.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3300-04	E1GE7	BM046908.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.11	27	*	30	130
			2-Methylnaphthalene-d10	0.4	0.07	17	*	30	130
P3300-09	E1GA5	BM046909.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB162176BL	PB162176BL	BM046903.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

Surrogate Summary

SW-846

SDG No.: **BM072924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3300-06	E1G93	BM046910.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P3300-07MS	E1G93MS	BM046911.D	1,4-Dioxane-d8	0.8	0.25	31		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.46	116		30	130
P3300-08MSD	E1G93MSD	BM046912.D	1,4-Dioxane-d8	0.8	0.23	29		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130
PB162178BL	PB162178BL	BM046904.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BM072924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-08	F7E13	BM046893.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3329-09	F7E14	BM046899.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3329-10	F7E15	BM046900.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P3329-11	F7E16	BM046901.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3329-13	F7E21	BM046894.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P3329-14	F7E22	BM046895.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P3329-15	F7E23	BM046896.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3329-16	F7E24	BM046897.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3329-18	F7E26	BM046898.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
PB162220BL	PB162220BL	BM046885.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140

Surrogate Summary

SW-846

SDG No.: BM072924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3329-19	F7E85	BM046882.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		30	130

Surrogate Summary

SW-846

SDG No.: **BM072924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3336-01	F7E87	BM046892.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
PB162297BL	PB162297BL	BM046881.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB162297BS	PB162297BS	BM046883.D	1,4-Dioxane-d8	0.8	0.58	72		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM072924

Lab Code: CHEM

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046879.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	31.1
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.6
443	15.0 - 24.0% of mass 442	11.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4190	SSTDCCC0.4	BM046880.D	07/29/2024	13:00
SBLK297	PB162297BL	BM046881.D	07/29/2024	13:36
F7E85	P3329-19	BM046882.D	07/29/2024	14:13
SLCS297	PB162297BS	BM046883.D	07/29/2024	14:49
SSTD0.4191	SSTDCCC0.4	BM046884.D	07/29/2024	15:26
SBLK220	PB162220BL	BM046885.D	07/29/2024	16:03
A4CM3DL	P3264-16DL	BM046886.D	07/29/2024	16:40
A4CM6DL	P3264-18DL	BM046887.D	07/29/2024	17:17
A4BD7DL	P3263-11DL	BM046888.D	07/29/2024	17:54
A4CG6DL	P3263-12DL	BM046889.D	07/29/2024	18:31
A4CK3DL	P3263-15DL	BM046890.D	07/29/2024	19:08
A4CK4DL	P3263-16DL	BM046891.D	07/29/2024	19:45
F7E87	P3336-01	BM046892.D	07/29/2024	20:23
F7E13	P3329-08	BM046893.D	07/29/2024	21:00
F7E21	P3329-13	BM046894.D	07/29/2024	21:37
F7E22	P3329-14	BM046895.D	07/29/2024	22:13
F7E23	P3329-15	BM046896.D	07/29/2024	22:50
F7E24	P3329-16	BM046897.D	07/29/2024	23:27

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM072924

Lab Code: CHEM

SAS No.: BM072924 SDG NO.: BM072924

Lab File ID: BM046879.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	31.1
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.6
443	15.0 - 24.0% of mass 442	11.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
F7E26	P3329-18	BM046898.D	07/30/2024	00:04
F7E14	P3329-09	BM046899.D	07/30/2024	00:40
F7E15	P3329-10	BM046900.D	07/30/2024	01:17
F7E16	P3329-11	BM046901.D	07/30/2024	01:54
SSTD0.4192	SSTDCCC0.4	BM046902.D	07/30/2024	02:30
SBLK176	PB162176BL	BM046903.D	07/30/2024	03:43
SBLK178	PB162178BL	BM046904.D	07/30/2024	04:20
E1G91	P3300-01	BM046905.D	07/30/2024	04:56
E1GA4	P3300-02	BM046906.D	07/30/2024	05:33
E1GD3	P3300-03	BM046907.D	07/30/2024	06:09
E1GE7	P3300-04	BM046908.D	07/30/2024	06:46
E1GA5	P3300-09	BM046909.D	07/30/2024	07:22
E1G93	P3300-06	BM046910.D	07/30/2024	07:59
E1G93MS	P3300-07MS	BM046911.D	07/30/2024	08:35
E1G93MSD	P3300-08MSD	BM046912.D	07/30/2024	09:12