

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG No.: BM092624

Instrument ID: BNA_M Calibration Date/Time: 9/26/2024 1:09:44

Lab File ID: BM047638.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4054 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.615	0.678	0.010	10.2545	40.0
1,4-Dioxane-d8	0.514	0.543	0.010	5.6743	40.0
Naphthalene	1.090	1.068	0.600	-2.0474	30.0
1-Methylnaphthalene	0.686	0.663	0.300	-3.3582	30.0
2-Methylnaphthalene	0.654	0.632	0.300	-3.3602	30.0
Acenaphthylene	1.944	1.857	0.900	-4.5068	30.0
Acenaphthene	1.335	1.303	0.500	-2.3527	30.0
Fluorene	1.509	1.450	0.700	-3.9597	30.0
Pentachlorophenol	0.120	0.116	0.010	-3.8727	50.0
Phenanthrene	1.187	1.148	0.300	-3.3427	30.0
Anthracene	1.057	1.007	0.400	-4.68	30.0
Fluoranthene	1.683	1.598	0.400	-5.0377	30.0
Pyrene	1.792	1.693	0.500	-5.5261	30.0
Benzo (a) anthracene	1.692	1.575	0.400	-6.9263	30.0
Chrysene	1.759	1.679	0.400	-4.5636	30.0
Benzo (b) fluoranthene	1.741	1.528	0.200	-12.2223	30.0
Benzo (k) fluoranthene	1.751	1.589	0.200	-9.2462	30.0
Benzo (a) pyrene	1.372	1.308	0.200	-4.6753	30.0
Indeno (1,2,3-cd) pyrene	2.185	2.040	0.200	-6.6429	30.0
Dibenzo (a,h) anthracene	1.648	1.563	0.200	-5.1904	30.0
Benzo (g,h,i) perylene	1.754	1.621	0.200	-7.589	30.0
Fluoranthene-d10	1.225	1.163	0.400	-5.0111	30.0
2-Methylnaphthalene-d10	0.534	0.521	0.300	-2.4334	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.: BM092624 SAS No.: BM092624 SDG No.: BM092624
Instrument ID: BNA_M Calibration Date/Time: 9/26/2024 1:17:09
Lab File ID: BM047647.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4055 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.615	0.623	0.010	1.3012	40.0
1,4-Dioxane-d8	0.514	0.540	0.010	5.017	40.0
Naphthalene	1.090	1.065	0.600	-2.3002	30.0
1-Methylnaphthalene	0.686	0.664	0.300	-3.2	30.0
2-Methylnaphthalene	0.654	0.622	0.300	-4.8951	30.0
Acenaphthylene	1.944	1.826	0.900	-6.0715	30.0
Acenaphthene	1.335	1.288	0.500	-3.4783	30.0
Fluorene	1.509	1.434	0.700	-5.0125	30.0
Pentachlorophenol	0.120	0.111	0.010	-8.0112	50.0
Phenanthrene	1.187	1.141	0.300	-3.9312	30.0
Anthracene	1.057	0.995	0.400	-5.8374	30.0
Fluoranthene	1.683	1.599	0.400	-4.9822	30.0
Pyrene	1.792	1.689	0.500	-5.7243	30.0
Benzo (a) anthracene	1.692	1.516	0.400	-10.3732	30.0
Chrysene	1.759	1.647	0.400	-6.4004	30.0
Benzo (b) fluoranthene	1.741	1.601	0.200	-8.0357	30.0
Benzo (k) fluoranthene	1.751	1.613	0.200	-7.9011	30.0
Benzo (a) pyrene	1.372	1.273	0.200	-7.195	30.0
Indeno (1,2,3-cd) pyrene	2.185	1.964	0.200	-10.1262	30.0
Dibenzo (a,h) anthracene	1.648	1.514	0.200	-8.1667	30.0
Benzo (g,h,i) perylene	1.754	1.625	0.200	-7.324	30.0
Fluoranthene-d10	1.225	1.182	0.400	-3.5342	30.0
2-Methylnaphthalene-d10	0.534	0.515	0.300	-3.5474	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.: BM092624 SAS No.: BM092624 SDG No.: BM092624

Instrument ID: BNA_M Calibration Date/Time: 9/27/2024 1:04:16

Lab File ID: BM047664.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4056 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.615	0.676	0.010	9.9101	40.0
1,4-Dioxane-d8	0.514	0.567	0.010	10.4149	40.0
Naphthalene	1.090	1.071	0.600	-1.7606	30.0
1-Methylnaphthalene	0.686	0.658	0.300	-4.0807	30.0
2-Methylnaphthalene	0.654	0.621	0.300	-5.0498	30.0
Acenaphthylene	1.944	1.836	0.900	-5.5785	30.0
Acenaphthene	1.335	1.310	0.500	-1.8409	30.0
Fluorene	1.509	1.455	0.700	-3.5859	30.0
Pentachlorophenol	0.120	0.112	0.010	-7.0731	50.0
Phenanthrene	1.187	1.155	0.300	-2.7462	30.0
Anthracene	1.057	1.007	0.400	-4.7607	30.0
Fluoranthene	1.683	1.634	0.400	-2.9211	30.0
Pyrene	1.792	1.722	0.500	-3.8931	30.0
Benzo (a) anthracene	1.692	1.527	0.400	-9.7142	30.0
Chrysene	1.759	1.669	0.400	-5.1336	30.0
Benzo (b) fluoranthene	1.741	1.601	0.200	-8.0011	30.0
Benzo (k) fluoranthene	1.751	1.661	0.200	-5.1266	30.0
Benzo (a) pyrene	1.372	1.316	0.200	-4.0754	30.0
Indeno (1,2,3-cd) pyrene	2.185	2.093	0.200	-4.2174	30.0
Dibenzo (a,h) anthracene	1.648	1.606	0.200	-2.5628	30.0
Benzo (g,h,i) perylene	1.754	1.695	0.200	-3.3333	30.0
Fluoranthene-d10	1.225	1.200	0.400	-2.0525	30.0
2-Methylnaphthalene-d10	0.534	0.515	0.300	-3.6132	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.: BM092624 SAS No.: BM092624 SDG No.: BM092624

Instrument ID: BNA_M Calibration Date/Time: 9/27/2024 1:08:32

Lab File ID: BM047670.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4057 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.615	0.676	0.010	9.8596	50.0
1,4-Dioxane-d8	0.514	0.599	0.010	16.6515	50.0
Naphthalene	1.090	1.072	0.600	-1.677	50.0
1-Methylnaphthalene	0.686	0.640	0.300	-6.6627	50.0
2-Methylnaphthalene	0.654	0.604	0.300	-7.7019	50.0
Acenaphthylene	1.944	1.815	0.900	-6.6426	50.0
Acenaphthene	1.335	1.303	0.500	-2.3687	50.0
Fluorene	1.509	1.426	0.700	-5.5294	50.0
Pentachlorophenol	0.120	0.105	0.010	-13.0591	50.0
Phenanthrene	1.187	1.142	0.300	-3.7874	50.0
Anthracene	1.057	0.988	0.400	-6.5499	50.0
Fluoranthene	1.683	1.625	0.400	-3.456	50.0
Pyrene	1.792	1.690	0.500	-5.671	50.0
Benzo (a) anthracene	1.692	1.512	0.400	-10.6159	50.0
Chrysene	1.759	1.664	0.400	-5.4287	50.0
Benzo (b) fluoranthene	1.741	1.578	0.200	-9.3517	50.0
Benzo (k) fluoranthene	1.751	1.668	0.200	-4.7668	50.0
Benzo (a) pyrene	1.372	1.340	0.200	-2.3374	50.0
Indeno (1,2,3-cd) pyrene	2.185	2.098	0.200	-4.0145	50.0
Dibenzo (a,h) anthracene	1.648	1.611	0.200	-2.2488	50.0
Benzo (g,h,i) perylene	1.754	1.722	0.200	-1.799	50.0
Fluoranthene-d10	1.225	1.201	0.400	-1.9861	50.0
2-Methylnaphthalene-d10	0.534	0.501	0.300	-6.1012	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK194	SDG No.:	BM092624
Lab Sample ID:	PB163194BL	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
BM047639.D	1	9/5/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163194

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	6.238		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.331		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5608	7.83				
1146-65-2	Naphthalene-d8	16214	10.623				
15067-26-2	Acenaphthene-d10	8182	14.46				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK194	SDG No.:	BM092624
Lab Sample ID:	PB163194BL	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
BM047639.D	1	9/5/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16595	17.196				
1719-03-5	Chrysene-d12	12726	21.359				
1520-96-3	Perylene-d12	12279	23.639				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK391	SDG No.:	BM092624
Lab Sample ID:	PB163391BL	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
BM047640.D	1	9/13/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163391

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	6.026		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5841	7.83				
1146-65-2	Naphthalene-d8	17277	10.618				
15067-26-2	Acenaphthene-d10	8099	14.456				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK391	SDG No.:	BM092624
Lab Sample ID:	PB163391BL	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
BM047640.D	1	9/13/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16778	17.192				
1719-03-5	Chrysene-d12	12136	21.356				
1520-96-3	Perylene-d12	11732	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM092624
Lab Sample ID:	P3391-01	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
BM047641.D	1	9/5/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.1	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.07	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.07	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.07	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.07	J	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.07	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.11	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.07	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.06	J	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.07	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.06	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.07	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.07	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	J	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.08	J	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.07	J	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	J	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.07	J	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.522		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.397		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5362	7.83				
1146-65-2	Naphthalene-d8	15176	10.623				
15067-26-2	Acenaphthene-d10	7321	14.456				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM092624
Lab Sample ID:	P3391-01	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
BM047641.D	1	9/5/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15365	17.192				
1719-03-5	Chrysene-d12	12229	21.356				
1520-96-3	Perylene-d12	13798	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM092624
Lab Sample ID:	P3391-03	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
BM047642.D	1	9/13/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.3	J	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	2.5	J	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	J	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	2.3	J	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	2.4	J	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	2.4	J	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	2.2	J	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	3.8	J	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	2.2	J	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	2.1	J	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	2.3	J	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	2.3	J	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	2.1	J	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	2.2	J	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	J	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.3	J	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	2.5	J	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	J	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.2	J	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.3	J	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.534		15-120		67	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.405		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		20-140		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5170	7.83				
1146-65-2	Naphthalene-d8	14532	10.623				
15067-26-2	Acenaphthene-d10	6921	14.456				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM092624
Lab Sample ID:	P3391-03	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
BM047642.D	1	9/13/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14277	17.192				
1719-03-5	Chrysene-d12	11186	21.356				
1520-96-3	Perylene-d12	12656	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BM092624
Lab Sample ID:	P4187-01	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
BM047643.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3		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	4.307		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.343		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6139		7.826			
1146-65-2	Naphthalene-d8	18223		10.618			
15067-26-2	Acenaphthene-d10	9202		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BM092624
Lab Sample ID:	P4187-01	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
BM047643.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19087	17.196				
1719-03-5	Chrysene-d12	14954	21.362				
1520-96-3	Perylene-d12	14454	23.639				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BM092624
Lab Sample ID:	P4187-02	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
BM047644.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.72		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	4.891		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.379		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5415		7.826			
1146-65-2	Naphthalene-d8	16161		10.618			
15067-26-2	Acenaphthene-d10	8241		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BM092624
Lab Sample ID:	P4187-02	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
BM047644.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16829	17.192				
1719-03-5	Chrysene-d12	13031	21.359				
1520-96-3	Perylene-d12	12476	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BM092624
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BM047645.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.62		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	4.577		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6334	7.83				
1146-65-2	Naphthalene-d8	19056	10.617				
15067-26-2	Acenaphthene-d10	9540	14.456				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BM092624
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047645.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19331	17.192				
1719-03-5	Chrysene-d12	14894	21.356				
1520-96-3	Perylene-d12	14417	23.639				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BM092624
Lab Sample ID:	P4187-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047646.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.065		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.409		30-130		102	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	4946		7.826			
1146-65-2	Naphthalene-d8	14681		10.622			
15067-26-2	Acenaphthene-d10	7428		14.459			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BM092624
Lab Sample ID:	P4187-04	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
BM047646.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14953	17.19				
1719-03-5	Chrysene-d12	11348	21.359				
1520-96-3	Perylene-d12	10790	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK681	SDG No.:	BM092624
Lab Sample ID:	PB163681BL	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
BM047648.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.622		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.301		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.276		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5489	7.83				
1146-65-2	Naphthalene-d8	15962	10.617				
15067-26-2	Acenaphthene-d10	8022	14.456				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK681	SDG No.:	BM092624
Lab Sample ID:	PB163681BL	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
BM047648.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15904	17.192				
1719-03-5	Chrysene-d12	11983	21.359				
1520-96-3	Perylene-d12	11388	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK683	SDG No.:	BM092624
Lab Sample ID:	PB163683BL	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
BM047649.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.695		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.284		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6156	7.826				
1146-65-2	Naphthalene-d8	18006	10.617				
15067-26-2	Acenaphthene-d10	9051	14.456				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK683	SDG No.:	BM092624
Lab Sample ID:	PB163683BL	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
BM047649.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18165	17.192				
1719-03-5	Chrysene-d12	13804	21.356				
1520-96-3	Perylene-d12	13533	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049	SDG No.:	BM092624
Lab Sample ID:	P4187-05	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
BM047650.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.333		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4980	7.83				
1146-65-2	Naphthalene-d8	14992	10.617				
15067-26-2	Acenaphthene-d10	7536	14.456				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049	SDG No.:	BM092624
Lab Sample ID:	P4187-05	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
BM047650.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15343	17.192				
1719-03-5	Chrysene-d12	11725	21.356				
1520-96-3	Perylene-d12	11407	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058	SDG No.:	BM092624
Lab Sample ID:	P4187-06	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
BM047651.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.249		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.423		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4940	7.826				
1146-65-2	Naphthalene-d8	15122	10.616				
15067-26-2	Acenaphthene-d10	7721	14.454				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058	SDG No.:	BM092624
Lab Sample ID:	P4187-06	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
BM047651.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15389	17.19				
1719-03-5	Chrysene-d12	11608	21.356				
1520-96-3	Perylene-d12	11113	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066	SDG No.:	BM092624
Lab Sample ID:	P4187-07	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
BM047652.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.37		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.607		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5234		7.826			
1146-65-2	Naphthalene-d8	15780		10.617			
15067-26-2	Acenaphthene-d10	8050		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066	SDG No.:	BM092624
Lab Sample ID:	P4187-07	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
BM047652.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16415	17.192				
1719-03-5	Chrysene-d12	12981	21.356				
1520-96-3	Perylene-d12	12043	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067	SDG No.:	BM092624
Lab Sample ID:	P4187-08	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
BM047653.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

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	4.808		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.326		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5331	7.826				
1146-65-2	Naphthalene-d8	16309	10.617				
15067-26-2	Acenaphthene-d10	8268	14.456				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067	SDG No.:	BM092624
Lab Sample ID:	P4187-08	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
BM047653.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17049	17.192				
1719-03-5	Chrysene-d12	13102	21.356				
1520-96-3	Perylene-d12	12638	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070	SDG No.:	BM092624
Lab Sample ID:	P4187-09	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
BM047654.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

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	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.656		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.306		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4646		7.826			
1146-65-2	Naphthalene-d8	14255		10.618			
15067-26-2	Acenaphthene-d10	7103		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070	SDG No.:	BM092624
Lab Sample ID:	P4187-09	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
BM047654.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14470	17.192				
1719-03-5	Chrysene-d12	11313	21.356				
1520-96-3	Perylene-d12	10825	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072	SDG No.:	BM092624
Lab Sample ID:	P4187-13	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
BM047655.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.12	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.242		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4651		7.826			
1146-65-2	Naphthalene-d8	14331		10.616			
15067-26-2	Acenaphthene-d10	7225		14.455			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072	SDG No.:	BM092624
Lab Sample ID:	P4187-13	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
BM047655.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14517	17.191				
1719-03-5	Chrysene-d12	11180	21.357				
1520-96-3	Perylene-d12	10726	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS	SDG No.:	BM092624
Lab Sample ID:	P4187-14MS	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
BM047656.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.93		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	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		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	0.35		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	0.38		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	0.41		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	0.4		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.869	*	15-120		359	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	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	3689		7.826			
1146-65-2	Naphthalene-d8	10667		10.616			
15067-26-2	Acenaphthene-d10	5304		14.454			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS	SDG No.:	BM092624
Lab Sample ID:	P4187-14MS	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
BM047656.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10446	17.19				
1719-03-5	Chrysene-d12	8689	21.353				
1520-96-3	Perylene-d12	9691	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD	SDG No.:	BM092624
Lab Sample ID:	P4187-15MSD	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
BM047657.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.84		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.3		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.76		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	0.34		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	0.38		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	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		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	0.36		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.606	*	15-120		326	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4351		7.826			
1146-65-2	Naphthalene-d8	12533		10.618			
15067-26-2	Acenaphthene-d10	6309		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD	SDG No.:	BM092624
Lab Sample ID:	P4187-15MSD	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
BM047657.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12577	17.192				
1719-03-5	Chrysene-d12	10422	21.353				
1520-96-3	Perylene-d12	11286	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071	SDG No.:	BM092624
Lab Sample ID:	P4187-10	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
BM047658.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.696		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.404		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4718		7.826			
1146-65-2	Naphthalene-d8	14023		10.617			
15067-26-2	Acenaphthene-d10	7279		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071	SDG No.:	BM092624
Lab Sample ID:	P4187-10	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
BM047658.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14709	17.192				
1719-03-5	Chrysene-d12	11282	21.356				
1520-96-3	Perylene-d12	10842	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077	SDG No.:	BM092624
Lab Sample ID:	P4187-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047659.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.22		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.658		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4780		7.826			
1146-65-2	Naphthalene-d8	14606		10.618			
15067-26-2	Acenaphthene-d10	7483		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077	SDG No.:	BM092624
Lab Sample ID:	P4187-11	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
BM047659.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14620	17.192				
1719-03-5	Chrysene-d12	10644	21.353				
1520-96-3	Perylene-d12	9754	23.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078	SDG No.:	BM092624
Lab Sample ID:	P4187-12	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
BM047660.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.919		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.387		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4886		7.826			
1146-65-2	Naphthalene-d8	15266		10.618			
15067-26-2	Acenaphthene-d10	9889		14.456			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078	SDG No.:	BM092624
Lab Sample ID:	P4187-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BM047660.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17443	17.192				
1719-03-5	Chrysene-d12	13273	21.356				
1520-96-3	Perylene-d12	12134	23.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082	SDG No.:	BM092624
Lab Sample ID:	P4187-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047661.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.086		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.436		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4341		7.826			
1146-65-2	Naphthalene-d8	13084		10.616			
15067-26-2	Acenaphthene-d10	6460		14.455			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082	SDG No.:	BM092624
Lab Sample ID:	P4187-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047661.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12908	17.191				
1719-03-5	Chrysene-d12	9844	21.357				
1520-96-3	Perylene-d12	9204	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS681	SDG No.:	BM092624
Lab Sample ID:	PB163681BS	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
BM047662.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.47		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.73		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	0.39		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.836		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.397		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.398		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4257	7.826				
1146-65-2	Naphthalene-d8	12363	10.618				
15067-26-2	Acenaphthene-d10	6083	14.456				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS681	SDG No.:	BM092624
Lab Sample ID:	PB163681BS	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
BM047662.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163681

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12038	17.192				
1719-03-5	Chrysene-d12	9978	21.356				
1520-96-3	Perylene-d12	10395	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS683	SDG No.:	BM092624
Lab Sample ID:	PB163683BS	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
BM047663.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		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	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.58		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.32		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.31		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	0.32		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.32		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.68		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4601	7.826				
1146-65-2	Naphthalene-d8	12977	10.616				
15067-26-2	Acenaphthene-d10	6346	14.454				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS683	SDG No.:	BM092624
Lab Sample ID:	PB163683BS	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
BM047663.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163683

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12422	17.19				
1719-03-5	Chrysene-d12	10140	21.353				
1520-96-3	Perylene-d12	10967	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK685	SDG No.:	BM092624
Lab Sample ID:	PB163685BL	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
BM047665.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

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	6.124		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.307		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4743		7.826			
1146-65-2	Naphthalene-d8	13790		10.616			
15067-26-2	Acenaphthene-d10	6677		14.455			

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK685	SDG No.:	BM092624
Lab Sample ID:	PB163685BL	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
BM047665.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12822	17.191				
1719-03-5	Chrysene-d12	9438	21.356				
1520-96-3	Perylene-d12	8897	23.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK687	SDG No.:	BM092624
Lab Sample ID:	PB163687BL	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
BM047666.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163687

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	6.218		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5175	7.826				
1146-65-2	Naphthalene-d8	15035	10.618				
15067-26-2	Acenaphthene-d10	7356	14.456				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK687	SDG No.:	BM092624
Lab Sample ID:	PB163687BL	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
BM047666.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14247	17.192				
1719-03-5	Chrysene-d12	10478	21.356				
1520-96-3	Perylene-d12	10226	23.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083	SDG No.:	BM092624
Lab Sample ID:	P4187-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047667.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.018		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.446		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4278		7.826			
1146-65-2	Naphthalene-d8	12691		10.618			
15067-26-2	Acenaphthene-d10	6414		14.451			

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083	SDG No.:	BM092624
Lab Sample ID:	P4187-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047667.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12600	17.192				
1719-03-5	Chrysene-d12	9488	21.353				
1520-96-3	Perylene-d12	8863	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS685	SDG No.:	BM092624
Lab Sample ID:	PB163685BS	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
BM047668.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		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	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.55		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.31		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.31		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.29		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.31		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	0.31		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.3		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.31		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.694		15-120		87	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4576	7.826				
1146-65-2	Naphthalene-d8	12740	10.618				
15067-26-2	Acenaphthene-d10	6091	14.456				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS685	SDG No.:	BM092624
Lab Sample ID:	PB163685BS	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
BM047668.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163685

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11900	17.192				
1719-03-5	Chrysene-d12	9849	21.356				
1520-96-3	Perylene-d12	10829	23.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS687	SDG No.:	BM092624
Lab Sample ID:	PB163687BS	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
BM047669.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		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	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.69		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		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	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.832		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.386		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4274	7.826				
1146-65-2	Naphthalene-d8	11982	10.616				
15067-26-2	Acenaphthene-d10	5703	14.454				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS687	SDG No.:	BM092624
Lab Sample ID:	PB163687BS	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
BM047669.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11219	17.191				
1719-03-5	Chrysene-d12	8956	21.353				
1520-96-3	Perylene-d12	9649	23.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM092624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT3-2024-05							
P3391-01	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
		Total Tics :			0.00		
P3391-01	MDL-WATER-QT3-2024 Water	1,4-Dioxane		0.100 J	0.029	0.2	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene		0.070 J	0.015	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene		0.070 J	0.0053	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthene		0.070 J	0.0074	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthylene		0.070 J	0.012	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Anthracene		0.060 J	0.008	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene		0.060 J	0.0036	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene		0.080 J	0.017	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene		0.070 J	0.013	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene		0.070 J	0.022	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene		0.070 J	0.0098	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Chrysene		0.070 J	0.0077	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene		0.070 J	0.014	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluoranthene		0.070 J	0.0079	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluorene		0.070 J	0.0067	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene		0.070 J	0.017	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Naphthalene		0.070 J	0.0043	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pentachlorophenol		0.110 J	0.063	0.2	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Phenanthrene		0.070 J	0.0068	0.1	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pyrene		0.070 J	0.006	0.1	ug/L
		Total Svoc :			1.46		
		Total Concentration:			1.46		
Client ID : MDL-SOIL-QT3-2024-05							
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Total Alkanes	*	0.000	0.89	6.7	ug/Kg
		Total Tics :			0.00		
P3391-03	MDL-SOIL-QT3-2024-0: Solid	1,4-Dioxane		3.300 J	0.89	6.7	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	1-Methylnaphthalene		2.300 J	0.52	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	2-Methylnaphthalene		2.300 J	0.19	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Acenaphthene		2.400 J	0.18	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Acenaphthylene		2.400 J	0.33	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Anthracene		2.100 J	0.17	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Benzo(a)anthracene		2.100 J	0.09	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Benzo(a)pyrene		2.500 J	0.32	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Benzo(b)fluoranthene		2.300 J	0.47	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-0: Solid	Benzo(g,h,i)perylene		2.300 J	0.75	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM092624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(k)fluoranthene	2.300	J	0.32	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Chrysene	2.200	J	0.25	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dibenzo(a,h)anthracene	2.200	J	0.47	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluoranthene	2.300	J	0.18	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluorene	2.200	J	0.22	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Indeno(1,2,3-cd)pyrene	2.200	J	0.52	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Naphthalene	2.500	J	0.2	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pentachlorophenol	3.800	J	2	6.7	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Phenanthrene	2.200	J	0.18	3.3	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pyrene	2.300	J	0.24	3.3	ug/Kg
Total Svoc :						48.20		
Total Concentration:						48.20		
Client ID : EY045								
P4187-01	EY045	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4187-01	EY045	Water	1,4-Dioxane	1.300		0.029	0.2	ug/L
Total Svoc :						1.30		
Total Concentration:						1.30		
Client ID : EY046								
P4187-02	EY046	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4187-02	EY046	Water	1,4-Dioxane	0.720		0.029	0.2	ug/L
Total Svoc :						0.72		
Total Concentration:						0.72		
Client ID : EY047								
P4187-03	EY047	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4187-03	EY047	Water	1,4-Dioxane	0.620		0.029	0.2	ug/L
Total Svoc :						0.62		
Total Concentration:						0.62		
Client ID : EY048								
P4187-04	EY048	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4187-04	EY048	Water	1,4-Dioxane	2.000		0.029	0.2	ug/L
Total Svoc :						2.00		
Total Concentration:						2.00		
Client ID : EY049								
P4187-05	EY049	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		

Hit Summary Sheet SW-846

SDG No.: BM092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4187-05	EY049	Water	1,4-Dioxane	1.200		0.03	0.2	ug/L
			Total Svoc :			1.20		
			Total Concentration:			1.20		
Client ID : EY058								
P4187-06	EY058	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4187-06	EY058	Water	1,4-Dioxane	1.000		0.029	0.2	ug/L
			Total Svoc :			1.00		
			Total Concentration:			1.00		
Client ID : EY066								
P4187-07	EY066	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4187-07	EY066	Water	1,4-Dioxane	0.370		0.03	0.2	ug/L
			Total Svoc :			0.37		
			Total Concentration:			0.37		
Client ID : EY067								
P4187-08	EY067	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : EY070								
P4187-09	EY070	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : EY071								
P4187-10	EY071	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4187-10	EY071	Water	1,4-Dioxane	0.090	J	0.029	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID : EY077								
P4187-11	EY077	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4187-11	EY077	Water	1,4-Dioxane	0.220		0.029	0.2	ug/L
			Total Svoc :			0.22		
			Total Concentration:			0.22		
Client ID : EY078								
P4187-12	EY078	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BM092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4187-12	EY078	Water	1,4-Dioxane	0.110	J	0.03	0.2	ug/L
			Total Svoc :			0.11		
			Total Concentration:			0.11		
Client ID : EY072								
P4187-13	EY072	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4187-13	EY072	Water	1,4-Dioxane	0.120	J	0.029	0.2	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID : EY082								
P4187-16	EY082	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : EY083								
P4187-17	EY083	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092524 SAS No.: BM092524 SDG No.: BM092524
Instrument ID: _____ Calibration Date(s): 9/25/2024 : _____
Calibration Time(s): 12:53 _____

LAB FILE ID:		RRFAL1 = BM047621.D			RRFAL2 = BM047622.D		RRFAL3 = BM047623.D	
		RRFAL4 = BM047624.D			RRFAL5 = BM047625.D		RRFAL6 = BM047626.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.694	0.611	0.624	0.581	0.566	0.615	8.1
1,4-Dioxane-d8		0.524	0.515	0.525	0.507	0.499	0.514	2.1
Naphthalene	1.124	1.079	1.068	1.113	1.067		1.090	2.4
1-Methylnaphthalene	0.699	0.680	0.673	0.704	0.675		0.686	2.1
2-Methylnaphthalene	0.666	0.639	0.640	0.674	0.651		0.654	2.4
Acenaphthylene	1.988	1.922	1.898	1.987	1.925		1.944	2.1
Acenaphthene	1.362	1.326	1.301	1.371	1.314		1.335	2.3
Fluorene	1.506	1.493	1.485	1.554	1.509		1.509	1.8
Pentachlorophenol		0.119	0.110	0.119	0.118	0.134	0.120	7.2
Phenanthrene	1.221	1.169	1.164	1.217	1.165		1.187	2.4
Anthracene	1.058	1.023	1.025	1.104	1.074		1.057	3.3
Fluoranthene	1.682	1.667	1.607	1.762	1.697		1.683	3.3
Pyrene	1.819	1.786	1.711	1.855	1.788		1.792	3.0
Benzo(a)anthracene	1.838	1.700	1.577	1.696	1.648		1.692	5.7
Chrysene	1.978	1.793	1.661	1.732	1.633		1.759	7.8
Benzo(b)fluoranthene	2.009	1.772	1.614	1.689	1.619		1.741	9.4
Benzo(k)fluoranthene	2.050	1.786	1.613	1.713	1.594		1.751	10.5
Benzo(a)pyrene	1.454	1.402	1.270	1.391	1.343		1.372	5.1
Indeno(1,2,3-cd)pyrene	2.513	2.218	1.983	2.143	2.069		2.185	9.3
Dibenzo(a,h)anthracene	1.848	1.663	1.518	1.636	1.577		1.648	7.6
Benzo(g,h,i)perylene	1.977	1.792	1.640	1.713	1.647		1.754	7.9
Fluoranthene-d10	1.234	1.208	1.171	1.278	1.233		1.225	3.2
2-Methylnaphthalene-d10	0.541	0.518	0.526	0.550	0.535		0.534	2.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4017

Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047623.D

Time Analyzed: 10:53

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	5032	7.83	13972	10.62	7168	14.46
	UPPER LIMIT	10064	8.33	27944	11.123	14336	14.96
	LOWER LIMIT	2516	7.33	6986	10.123	3584	13.96
	EPA SAMPLE NO.						
01	SBLK194	5608	7.83	16214	10.62	8182	14.46
02	SBLK391	5841	7.83	17277	10.62	8099	14.46
03	MDL-WATER-QT3-2024-05	5362	7.83	15176	10.62	7321	14.46
04	MDL-SOIL-QT3-2024-05	5170	7.83	14532	10.62	6921	14.46
05	EY045	6139	7.83	18223	10.62	9202	14.46
06	EY046	5415	7.83	16161	10.62	8241	14.46
07	EY047	6334	7.83	19056	10.62	9540	14.46
08	EY048	4946	7.83	14681	10.62	7428	14.46
09	SBLK681	5489	7.83	15962	10.62	8022	14.46
10	SBLK683	6156	7.83	18006	10.62	9051	14.46
11	EY049	4980	7.83	14992	10.62	7536	14.46
12	EY058	4940	7.83	15122	10.62	7721	14.45
13	EY066	5234	7.83	15780	10.62	8050	14.46
14	EY067	5331	7.83	16309	10.62	8268	14.46
15	EY070	4646	7.83	14255	10.62	7103	14.46
16	EY072	4651	7.83	14331	10.62	7225	14.46
17	EY072MS	3689	7.83	10667	10.62	5304	14.45
18	EY072MSD	4351	7.83	12533	10.62	6309	14.46
19	EY071	4718	7.83	14023	10.62	7279	14.46
20	EY077	4780	7.83	14606	10.62	7483	14.46
21	EY078	4886	7.83	15266	10.62	9889	14.46
22	EY082	4341	7.83	13084	10.62	6460	14.46
23	SLCS681	4257	7.83	12363	10.62	6083	14.46

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4017 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047623.D Time Analyzed: 03:03

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	5032	7.83	13972	10.62	7168	14.46
UPPER LIMIT	10064	8.33	27944	11.123	14336	14.96
LOWER LIMIT	2516	7.33	6986	10.123	3584	13.96
EPA SAMPLE NO.						
24 SLCS683	4601	7.83	12977	10.62	6346	14.45
25 SBLK685	4743	7.83	13790	10.62	6677	14.46
26 SBLK687	5175	7.83	15035	10.62	7356	14.46
27 EY083	4278	7.83	12691	10.62	6414	14.45
28 SLCS685	4576	7.83	12740	10.62	6091	14.46
29 SLCS687	4274	7.83	11982	10.62	5703	14.45

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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4054 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047638.D Time Analyzed: 10:53

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	5397	7.83	15200	10.62	7601	14.46
UPPER LIMIT	10794	8.33	30400	11.123	15202	14.956
LOWER LIMIT	2698.5	7.33	7600	10.123	3800.5	13.956
EPA SAMPLE NO.						
01 SBLK194	5608	7.83	16214	10.62	8182	14.46
02 SBLK391	5841	7.83	17277	10.62	8099	14.46
03 MDL-WATER-QT3-2024-05	5362	7.83	15176	10.62	7321	14.46
04 MDL-SOIL-QT3-2024-05	5170	7.83	14532	10.62	6921	14.46
05 EY045	6139	7.83	18223	10.62	9202	14.46
06 EY046	5415	7.83	16161	10.62	8241	14.46
07 EY047	6334	7.83	19056	10.62	9540	14.46
08 EY048	4946	7.83	14681	10.62	7428	14.46

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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4055 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047647.D Time Analyzed: 17:54

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	5025	7.83	14463	10.62	7220	14.46
	UPPER LIMIT	10050	8.33	28926	11.117	14440	14.956
	LOWER LIMIT	2512.5	7.33	7231.5	10.117	3610	13.956
	EPA SAMPLE NO.						
01	SBLK681	5489	7.83	15962	10.62	8022	14.46
02	SBLK683	6156	7.83	18006	10.62	9051	14.46
03	EY049	4980	7.83	14992	10.62	7536	14.46
04	EY058	4940	7.83	15122	10.62	7721	14.45
05	EY066	5234	7.83	15780	10.62	8050	14.46
06	EY067	5331	7.83	16309	10.62	8268	14.46
07	EY070	4646	7.83	14255	10.62	7103	14.46
08	EY072	4651	7.83	14331	10.62	7225	14.46
09	EY072MS	3689	7.83	10667	10.62	5304	14.45
10	EY072MSD	4351	7.83	12533	10.62	6309	14.46
11	EY071	4718	7.83	14023	10.62	7279	14.46
12	EY077	4780	7.83	14606	10.62	7483	14.46
13	EY078	4886	7.83	15266	10.62	9889	14.46
14	EY082	4341	7.83	13084	10.62	6460	14.46
15	SLCS681	4257	7.83	12363	10.62	6083	14.46
16	SLCS683	4601	7.83	12977	10.62	6346	14.45

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4055 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047647.D Time Analyzed: 03:03

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	5025	7.83	14463	10.62	7220	14.46
UPPER LIMIT	10050	8.33	28926	11.117	14440	14.956
LOWER LIMIT	2512.5	7.33	7231.5	10.117	3610	13.956
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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4056 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047664.D Time Analyzed: 04:53

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	4945	7.826	14026	10.62	6795	14.45
UPPER LIMIT	9890	8.326	28052	11.116	13590	14.954
LOWER LIMIT	2472.5	7.326	7013	10.116	3397.5	13.954
EPA SAMPLE NO.						
01 SBLK685	4743	7.83	13790	10.62	6677	14.46
02 SBLK687	5175	7.83	15035	10.62	7356	14.46
03 EY083	4278	7.83	12691	10.62	6414	14.45
04 SLCS685	4576	7.83	12740	10.62	6091	14.46
05 SLCS687	4274	7.83	11982	10.62	5703	14.45

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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4017 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047623.D Time Analyzed: 10:53

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	14810	17.196	12763	21.359	14088	23.636
	UPPER LIMIT	29620	17.696	25526	21.859	28176	24.136
	LOWER LIMIT	7405	16.696	6381.5	20.859	7044	23.136
	EPA SAMPLE NO.						
01	SBLK194	16595	17.20	12726	21.36	12279	23.64
02	SBLK391	16778	17.19	12136	21.36	11732	23.64
03	MDL-WATER-QT3-2024-05	15365	17.19	12229	21.36	13798	23.63
04	MDL-SOIL-QT3-2024-05	14277	17.19	11186	21.36	12656	23.64
05	EY045	19087	17.20	14954	21.36	14454	23.64
06	EY046	16829	17.19	13031	21.36	12476	23.64
07	EY047	19331	17.19	14894	21.36	14417	23.64
08	EY048	14953	17.19	11348	21.36	10790	23.63
09	SBLK681	15904	17.19	11983	21.36	11388	23.64
10	SBLK683	18165	17.19	13804	21.36	13533	23.64
11	EY049	15343	17.19	11725	21.36	11407	23.64
12	EY058	15389	17.19	11608	21.36	11113	23.64
13	EY066	16415	17.19	12981	21.36	12043	23.64
14	EY067	17049	17.19	13102	21.36	12638	23.64
15	EY070	14470	17.19	11313	21.36	10825	23.63
16	EY072	14517	17.19	11180	21.36	10726	23.63
17	EY072MS	10446	17.19	8689	21.35	9691	23.63
18	EY072MSD	12577	17.19	10422	21.35	11286	23.63
19	EY071	14709	17.19	11282	21.36	10842	23.63
20	EY077	14620	17.19	10644	21.35	9754	23.63
21	EY078	17443	17.19	13273	21.36	12134	23.64

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4017 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047623.D Time Analyzed: 01:50

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	14810	17.196	12763	21.359	14088	23.636
UPPER LIMIT	29620	17.696	25526	21.859	28176	24.136
LOWER LIMIT	7405	16.696	6381.5	20.859	7044	23.136
EPA SAMPLE NO.						
22 EY082	12908	17.19	9844	21.36	9204	23.63
23 SLCS681	12038	17.19	9978	21.36	10395	23.63
24 SLCS683	12422	17.19	10140	21.35	10967	23.63
25 SBLK685	12822	17.19	9438	21.36	8897	23.63
26 SBLK687	14247	17.19	10478	21.36	10226	23.63
27 EY083	12600	17.19	9488	21.35	8863	23.63
28 SLCS685	11900	17.19	9849	21.36	10829	23.63
29 SLCS687	11219	17.19	8956	21.35	9649	23.63

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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4054 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047638.D Time Analyzed: 10:53

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	15213	17.192	12779	21.356	14905	23.636
UPPER LIMIT	30426	17.692	25558	21.856	29810	24.136
LOWER LIMIT	7606.5	16.692	6389.5	20.856	7452.5	23.136
EPA SAMPLE NO.						
01 SBLK194	16595	17.20	12726	21.36	12279	23.64
02 SBLK391	16778	17.19	12136	21.36	11732	23.64
03 MDL-WATER-QT3-2024-05	15365	17.19	12229	21.36	13798	23.63
04 MDL-SOIL-QT3-2024-05	14277	17.19	11186	21.36	12656	23.64
05 EY045	19087	17.20	14954	21.36	14454	23.64
06 EY046	16829	17.19	13031	21.36	12476	23.64
07 EY047	19331	17.19	14894	21.36	14417	23.64
08 EY048	14953	17.19	11348	21.36	10790	23.63

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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4055 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BM047647.D Time Analyzed: 17:54

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	14361	17.192	12018	21.359	12829	23.636
	UPPER LIMIT	28722	17.692	24036	21.859	25658	24.136
	LOWER LIMIT	7180.5	16.692	6009	20.859	6414.5	23.136
	EPA SAMPLE NO.						
01	SBLK681	15904	17.19	11983	21.36	11388	23.64
02	SBLK683	18165	17.19	13804	21.36	13533	23.64
03	EY049	15343	17.19	11725	21.36	11407	23.64
04	EY058	15389	17.19	11608	21.36	11113	23.64
05	EY066	16415	17.19	12981	21.36	12043	23.64
06	EY067	17049	17.19	13102	21.36	12638	23.64
07	EY070	14470	17.19	11313	21.36	10825	23.63
08	EY072	14517	17.19	11180	21.36	10726	23.63
09	EY072MS	10446	17.19	8689	21.35	9691	23.63
10	EY072MSD	12577	17.19	10422	21.35	11286	23.63
11	EY071	14709	17.19	11282	21.36	10842	23.63
12	EY077	14620	17.19	10644	21.35	9754	23.63
13	EY078	17443	17.19	13273	21.36	12134	23.64
14	EY082	12908	17.19	9844	21.36	9204	23.63
15	SLCS681	12038	17.19	9978	21.36	10395	23.63
16	SLCS683	12422	17.19	10140	21.35	10967	23.63

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4055 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047647.D Time Analyzed: 03:03

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	14361	17.192	12018	21.359	12829	23.636
UPPER LIMIT	28722	17.692	24036	21.859	25658	24.136
LOWER LIMIT	7180.5	16.692	6009	20.859	6414.5	23.136
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.: BM092624 SAS No.: BM092624 SDG NO.: BM092624

EPA Sample No.: SSTD0.4056 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BM047664.D Time Analyzed: 04:53

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	13384	17.191	11051	21.353	12136	23.633
UPPER LIMIT	26768	17.691	22102	21.853	24272	24.133
LOWER LIMIT	6692	16.691	5525.5	20.853	6068	23.133
EPA SAMPLE NO.						
01 SBLK685	12822	17.19	9438	21.36	8897	23.63
02 SBLK687	14247	17.19	10478	21.36	10226	23.63
03 EY083	12600	17.19	9488	21.35	8863	23.63
04 SLCS685	11900	17.19	9849	21.36	10829	23.63
05 SLCS687	11219	17.19	8956	21.35	9649	23.63

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.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163681BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.41	ug/L	103				0	0		
	1-Methylnaphthalene	0.4	0.47	ug/L	117				0	0		
	2-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.73	ug/L	91				0	0		
	Phenanthrene	0.4	0.4	ug/L	100				0	0		
	Anthracene	0.4	0.39	ug/L	98				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163683BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	Acenaphthylene	0.4	0.31	ug/L	78				0	0		
	Acenaphthene	0.4	0.34	ug/L	85				0	0		
	Fluorene	0.4	0.32	ug/L	80				0	0		
	Pentachlorophenol	0.8	0.58	ug/L	73				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.32	ug/L	80				0	0		
	Fluoranthene	0.4	0.32	ug/L	80				0	0		
	Pyrene	0.4	0.32	ug/L	80				0	0		
	Benzo(a)anthracene	0.4	0.3	ug/L	75				0	0		
	Chrysene	0.4	0.31	ug/L	78				0	0		
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				0	0		
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				0	0		
	Benzo(a)pyrene	0.4	0.35	ug/L	88				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163685BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.33	ug/L	83				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.29	ug/L	73				0	0		
	Acenaphthene	0.4	0.33	ug/L	83				0	0		
	Fluorene	0.4	0.31	ug/L	78				0	0		
	Pentachlorophenol	0.8	0.55	ug/L	69				0	0		
	Phenanthrene	0.4	0.31	ug/L	78				0	0		
	Anthracene	0.4	0.31	ug/L	78				0	0		
	Fluoranthene	0.4	0.31	ug/L	78				0	0		
	Pyrene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)anthracene	0.4	0.29	ug/L	73				0	0		
	Chrysene	0.4	0.31	ug/L	78				0	0		
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				0	0		
	Benzo(k)fluoranthene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)pyrene	0.4	0.34	ug/L	85				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.3	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	0.4	0.31	ug/L	78				0	0		
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163687BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.69	ug/L	86				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.37	ug/L	93				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK194

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047639.D

Lab Sample ID: PB163194BL

Instrument ID: BNA_M

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/26/2024

Level: (low/med) LOW

Time Analyzed: 10:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-05	P3391-01	BM047641.D	09/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK391

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047640.D

Lab Sample ID: PB163391BL

Instrument ID: BNA_M

Date Extracted: 09/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/26/2024

Level: (low/med) LOW

Time Analyzed: 11:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT3-2024-05	P3391-03	BM047642.D	09/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK681

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047648.D

Lab Sample ID: PB163681BL

Instrument ID: BNA_M

Date Extracted: 09/25/2024

Matrix: (soil/water) Water

Date Analyzed: 09/26/2024

Level: (low/med) LOW

Time Analyzed: 17:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY045	P4187-01	BM047643.D	09/26/2024
EY046	P4187-02	BM047644.D	09/26/2024
EY047	P4187-03	BM047645.D	09/26/2024
EY048	P4187-04	BM047646.D	09/26/2024
PB163681BS	PB163681BS	BM047662.D	09/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK683

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047649.D

Lab Sample ID: PB163683BL

Instrument ID: BNA_M

Date Extracted: 09/25/2024

Matrix: (soil/water) Water

Date Analyzed: 09/26/2024

Level: (low/med) LOW

Time Analyzed: 18:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY049	P4187-05	BM047650.D	09/26/2024
EY058	P4187-06	BM047651.D	09/26/2024
EY066	P4187-07	BM047652.D	09/26/2024
EY067	P4187-08	BM047653.D	09/26/2024
EY070	P4187-09	BM047654.D	09/26/2024
PB163683BS	PB163683BS	BM047663.D	09/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK685

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047665.D

Lab Sample ID: PB163685BL

Instrument ID: BNA_M

Date Extracted: 09/25/2024

Matrix: (soil/water) Water

Date Analyzed: 09/27/2024

Level: (low/med) LOW

Time Analyzed: 04:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY083	P4187-17	BM047667.D	09/27/2024
PB163685BS	PB163685BS	BM047668.D	09/27/2024
EY071	P4187-10	BM047658.D	09/27/2024
EY077	P4187-11	BM047659.D	09/27/2024
EY078	P4187-12	BM047660.D	09/27/2024
EY082	P4187-16	BM047661.D	09/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK687

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092624

SAS No.: BM092624 SDG NO.: BM092624

Lab File ID: BM047666.D

Lab Sample ID: PB163687BL

Instrument ID: BNA_M

Date Extracted: 09/25/2024

Matrix: (soil/water) Water

Date Analyzed: 09/27/2024

Level: (low/med) LOW

Time Analyzed: 05:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163687BS	PB163687BS	BM047669.D	09/27/2024
EY072	P4187-13	BM047655.D	09/26/2024
EY072MS	P4187-14MS	BM047656.D	09/26/2024
EY072MSD	P4187-15MSD	BM047657.D	09/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4187-14MS	Client Sample ID:	EY072MS					DataFile:	BM047656.D		
1,4-Dioxane	2	0.12	0.93	ug/L	41				15	120	
Naphthalene	0.4		0.34	ug/L	85				0	0	
1-Methylnaphthalene	0.4		0.38	ug/L	95				0	0	
2-Methylnaphthalene	0.4		0.33	ug/L	83				0	0	
Acenaphthylene	0.4		0.32	ug/L	80				0	0	
Acenaphthene	0.4		0.36	ug/L	90				46	118	
Fluorene	0.4		0.35	ug/L	88				0	0	
Pentachlorophenol	0.8		0.81	ug/L	101				9	103	
Phenanthrene	0.4		0.38	ug/L	95				0	0	
Anthracene	0.4		0.37	ug/L	93				0	0	
Fluoranthene	0.4		0.41	ug/L	103				0	0	
Pyrene	0.4		0.41	ug/L	103				26	127	
Benzo(a)anthracene	0.4		0.38	ug/L	95				0	0	
Chrysene	0.4		0.4	ug/L	100				0	0	
Benzo(b)fluoranthene	0.4		0.39	ug/L	98				0	0	
Benzo(k)fluoranthene	0.4		0.4	ug/L	100				0	0	
Benzo(a)pyrene	0.4		0.44	ug/L	110				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.4	ug/L	100				0	0	
Dibenzo(a,h)anthracene	0.4		0.41	ug/L	103				0	0	
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4187-15MSD	Client Sample ID:	EY072MSD					DataFile:	BM047657.D		
1,4-Dioxane	2	0.12	0.84	ug/L	36		13		15	120	50
Naphthalene	0.4		0.31	ug/L	78		9	*	0	0	0
1-Methylnaphthalene	0.4		0.36	ug/L	90		5	*	0	0	0
2-Methylnaphthalene	0.4		0.3	ug/L	75		10	*	0	0	0
Acenaphthylene	0.4		0.3	ug/L	75		6	*	0	0	0
Acenaphthene	0.4		0.33	ug/L	83		8		46	118	31
Fluorene	0.4		0.32	ug/L	80		10	*	0	0	0
Pentachlorophenol	0.8		0.76	ug/L	95		6		9	103	50
Phenanthrene	0.4		0.35	ug/L	88		8	*	0	0	0
Anthracene	0.4		0.34	ug/L	85		9	*	0	0	0
Fluoranthene	0.4		0.38	ug/L	95		8	*	0	0	0
Pyrene	0.4		0.38	ug/L	95		8		26	127	31
Benzo(a)anthracene	0.4		0.35	ug/L	88		8	*	0	0	0
Chrysene	0.4		0.37	ug/L	93		7	*	0	0	0
Benzo(b)fluoranthene	0.4		0.36	ug/L	90		9	*	0	0	0
Benzo(k)fluoranthene	0.4		0.37	ug/L	93		7	*	0	0	0
Benzo(a)pyrene	0.4		0.4	ug/L	100		10	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.36	ug/L	90		11	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.37	ug/L	93		10	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.36	ug/L	90		13	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-01	MDL-WATER-QT3BM047641.D		1,4-Dioxane-d8	0.8	0.52	65		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
PB163194BL	PB163194BL	BM047639.D	1,4-Dioxane-d8	8	6.24	78		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130

Surrogate Summary

SW-846

SDG No.: BM092624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-03	MDL-SOIL-QT3-2(BM047642.D		1,4-Dioxane-d8	0.8	0.53	67		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		20	140
PB163391BL	PB163391BL	BM047640.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140

Surrogate Summary

SW-846

SDG No.: **BM092624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4187-01	EY045	BM047643.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P4187-02	EY046	BM047644.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
P4187-03	EY047	BM047645.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130
P4187-04	EY048	BM047646.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB163681BL	PB163681BL	BM047648.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
PB163681BS	PB163681BS	BM047662.D	1,4-Dioxane-d8	0.8	0.84	104		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

Surrogate Summary

SW-846

SDG No.: **BM092624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4187-05	EY049	BM047650.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P4187-06	EY058	BM047651.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P4187-07	EY066	BM047652.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
P4187-08	EY067	BM047653.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P4187-09	EY070	BM047654.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
PB163683BL	PB163683BL	BM047649.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
PB163683BS	PB163683BS	BM047663.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130

Surrogate Summary

SW-846

SDG No.: **BM092624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4187-10	EY071	BM047658.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P4187-11	EY077	BM047659.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P4187-12	EY078	BM047660.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P4187-16	EY082	BM047661.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P4187-17	EY083	BM047667.D	1,4-Dioxane-d8	8	5.02	63		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
PB163685BL	PB163685BL	BM047665.D	1,4-Dioxane-d8	8	6.12	77		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
PB163685BS	PB163685BS	BM047668.D	1,4-Dioxane-d8	0.8	0.69	87		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130

Surrogate Summary

SW-846

SDG No.: **BM092624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4187-13	EY072	BM047655.D	1,4-Dioxane-d8	8	5.24	66		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P4187-14MS	EY072MS	BM047656.D	1,4-Dioxane-d8	0.8	2.87	359	*	15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P4187-15MSD	EY072MSD	BM047657.D	1,4-Dioxane-d8	0.8	2.61	326	*	15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB163687BL	PB163687BL	BM047666.D	1,4-Dioxane-d8	8	6.22	78		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
PB163687BS	PB163687BS	BM047669.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM092624

Lab Code: CHEM

SAS No.: BM092624

SDG NO.: BM092624

Lab File ID: BM047637.D

DFTPP Injection Date: 09/26/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	41.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.4
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	23.1
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	13.1 (19.4) 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
SSTD0.4054	SSTDCCC0.4	BM047638.D	09/26/2024	09:44
SBLK194	PB163194BL	BM047639.D	09/26/2024	10:53
SBLK391	PB163391BL	BM047640.D	09/26/2024	11:29
MDL-WATER-QT3-2024-05	P3391-01	BM047641.D	09/26/2024	12:05
MDL-SOIL-QT3-2024-05	P3391-03	BM047642.D	09/26/2024	12:42
EY045	P4187-01	BM047643.D	09/26/2024	14:43
EY046	P4187-02	BM047644.D	09/26/2024	15:20
EY047	P4187-03	BM047645.D	09/26/2024	15:56
EY048	P4187-04	BM047646.D	09/26/2024	16:33
SSTD0.4055	SSTDCCC0.4	BM047647.D	09/26/2024	17:09
SBLK681	PB163681BL	BM047648.D	09/26/2024	17:54
SBLK683	PB163683BL	BM047649.D	09/26/2024	18:31
EY049	P4187-05	BM047650.D	09/26/2024	19:07
EY058	P4187-06	BM047651.D	09/26/2024	19:44
EY066	P4187-07	BM047652.D	09/26/2024	20:21
EY067	P4187-08	BM047653.D	09/26/2024	20:57
EY070	P4187-09	BM047654.D	09/26/2024	21:34
EY072	P4187-13	BM047655.D	09/26/2024	22:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM092624

Lab Code: CHEM

SAS No.: BM092624

SDG NO.: BM092624

Lab File ID: BM047637.D

DFTPP Injection Date: 09/26/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	41.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.4
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	23.1
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	13.1 (19.4) 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
EY072MS	P4187-14MS	BM047656.D	09/26/2024	22:47
EY072MSD	P4187-15MSD	BM047657.D	09/26/2024	23:24
EY071	P4187-10	BM047658.D	09/27/2024	00:00
EY077	P4187-11	BM047659.D	09/27/2024	00:37
EY078	P4187-12	BM047660.D	09/27/2024	01:14
EY082	P4187-16	BM047661.D	09/27/2024	01:50
SLCS681	PB163681BS	BM047662.D	09/27/2024	02:27
SLCS683	PB163683BS	BM047663.D	09/27/2024	03:03
SSTD0.4056	SSTDCCC0.4	BM047664.D	09/27/2024	04:16
SBLK685	PB163685BL	BM047665.D	09/27/2024	04:53
SBLK687	PB163687BL	BM047666.D	09/27/2024	05:29
EY083	P4187-17	BM047667.D	09/27/2024	06:06
SLCS685	PB163685BS	BM047668.D	09/27/2024	06:42
SLCS687	PB163687BS	BM047669.D	09/27/2024	07:19
SSTD0.4057	SSTDCCC0.4EC	BM047670.D	09/27/2024	08:32