

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG No.: BM041824

Instrument ID: BNA_M Calibration Date/Time: 4/18/2024 1:18:31

Lab File ID: BM045361.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4077 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.548	0.010	8.8288	40.0
1,4-Dioxane-d8	0.525	0.545	0.010	3.6706	40.0
Naphthalene	1.061	1.032	0.600	-2.7591	30.0
1-Methylnaphthalene	0.692	0.637	0.300	-8.014	30.0
2-Methylnaphthalene	0.634	0.589	0.300	-7.0839	30.0
Acenaphthylene	1.996	2.039	0.900	2.1692	30.0
Acenaphthene	1.429	1.504	0.500	5.2482	30.0
Fluorene	1.601	1.595	0.700	-0.3956	30.0
Pentachlorophenol	0.094	0.085	0.010	-9.1814	50.0
Phenanthrene	1.126	1.104	0.300	-1.9629	30.0
Anthracene	1.109	1.090	0.400	-1.735	30.0
Fluoranthene	1.429	1.443	0.400	0.9687	30.0
Pyrene	1.509	1.513	0.500	0.2185	30.0
Benzo (a) anthracene	1.392	1.280	0.400	-8.0621	30.0
Chrysene	1.738	1.731	0.400	-0.4199	30.0
Benzo (b) fluoranthene	1.445	1.302	0.200	-9.8962	30.0
Benzo (k) fluoranthene	1.618	1.575	0.200	-2.6244	30.0
Benzo (a) pyrene	1.379	1.378	0.200	-0.1111	30.0
Indeno (1,2,3-cd) pyrene	1.891	2.056	0.200	8.7331	30.0
Dibenzo (a,h) anthracene	1.497	1.663	0.200	11.0413	30.0
Benzo (g,h,i) perylene	1.630	1.829	0.200	12.2184	30.0
Fluoranthene-d10	1.011	0.992	0.400	-1.8608	30.0
2-Methylnaphthalene-d10	0.542	0.512	0.300	-5.5199	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.: BM041824 SAS No.: BM041824 SDG No.: BM041824
Instrument ID: BNA_M Calibration Date/Time: 4/19/2024 1:05:22
Lab File ID: BM045377.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4078 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.555	0.010	10.0995	40.0
1,4-Dioxane-d8	0.525	0.568	0.010	8.0867	40.0
Naphthalene	1.061	1.072	0.600	1.0239	30.0
1-Methylnaphthalene	0.692	0.676	0.300	-2.3034	30.0
2-Methylnaphthalene	0.634	0.634	0.300	0.0774	30.0
Acenaphthylene	1.996	2.057	0.900	3.0497	30.0
Acenaphthene	1.429	1.537	0.500	7.5725	30.0
Fluorene	1.601	1.664	0.700	3.9039	30.0
Pentachlorophenol	0.094	0.079	0.010	-15.484	50.0
Phenanthrene	1.126	1.130	0.300	0.3027	30.0
Anthracene	1.109	0.924	0.400	-16.7251	30.0
Fluoranthene	1.429	1.662	0.400	16.2767	30.0
Pyrene	1.509	1.739	0.500	15.2193	30.0
Benzo (a) anthracene	1.392	1.394	0.400	0.0888	30.0
Chrysene	1.738	1.882	0.400	8.3077	30.0
Benzo (b) fluoranthene	1.445	1.403	0.200	-2.8827	30.0
Benzo (k) fluoranthene	1.618	1.676	0.200	3.5629	30.0
Benzo (a) pyrene	1.379	1.442	0.200	4.5455	30.0
Indeno (1,2,3-cd) pyrene	1.891	2.076	0.200	9.8194	30.0
Dibenzo (a,h) anthracene	1.497	1.629	0.200	8.7936	30.0
Benzo (g,h,i) perylene	1.630	1.833	0.200	12.4362	30.0
Fluoranthene-d10	1.011	1.133	0.400	12.0877	30.0
2-Methylnaphthalene-d10	0.542	0.537	0.300	-0.9031	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.: BM041824 SAS No.: BM041824 SDG No.: BM041824
 Instrument ID: BNA_M Calibration Date/Time: 4/19/2024 1:15:38
 Lab File ID: BM045394.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4079 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.532	0.010	5.5406	40.0
1,4-Dioxane-d8	0.525	0.550	0.010	4.6101	40.0
Naphthalene	1.061	1.061	0.600	-0.0328	30.0
1-Methylnaphthalene	0.692	0.666	0.300	-3.8236	30.0
2-Methylnaphthalene	0.634	0.598	0.300	-5.58	30.0
Acenaphthylene	1.996	2.035	0.900	1.9806	30.0
Acenaphthene	1.429	1.521	0.500	6.4707	30.0
Fluorene	1.601	1.593	0.700	-0.5036	30.0
Pentachlorophenol	0.094	0.082	0.010	-12.1215	50.0
Phenanthrene	1.126	1.100	0.300	-2.3005	30.0
Anthracene	1.109	1.107	0.400	-0.2019	30.0
Fluoranthene	1.429	1.669	0.400	16.7605	30.0
Pyrene	1.509	1.766	0.500	16.9978	30.0
Benzo (a) anthracene	1.392	1.349	0.400	-3.1107	30.0
Chrysene	1.738	1.904	0.400	9.5476	30.0
Benzo (b) fluoranthene	1.445	1.349	0.200	-6.6361	30.0
Benzo (k) fluoranthene	1.618	1.684	0.200	4.0906	30.0
Benzo (a) pyrene	1.379	1.376	0.200	-0.2212	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.969	0.200	4.1262	30.0
Dibenzo (a,h) anthracene	1.497	1.552	0.200	3.6743	30.0
Benzo (g,h,i) perylene	1.630	1.774	0.200	8.8004	30.0
Fluoranthene-d10	1.011	1.166	0.400	15.3952	30.0
2-Methylnaphthalene-d10	0.542	0.512	0.300	-5.5511	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.: BM041824 SAS No.: BM041824 SDG No.: BM041824

Instrument ID: BNA_M Calibration Date/Time: 4/20/2024 1:03:25

Lab File ID: BM045412.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4080 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.663	0.010	31.6044	40.0
1,4-Dioxane-d8	0.525	0.671	0.010	27.7008	40.0
Naphthalene	1.061	1.062	0.600	0.0893	30.0
1-Methylnaphthalene	0.692	0.674	0.300	-2.573	30.0
2-Methylnaphthalene	0.634	0.587	0.300	-7.3716	30.0
Acenaphthylene	1.996	2.057	0.900	3.0628	30.0
Acenaphthene	1.429	1.531	0.500	7.1844	30.0
Fluorene	1.601	1.589	0.700	-0.7638	30.0
Pentachlorophenol	0.094	0.073	0.010	-21.6551	50.0
Phenanthrene	1.126	1.108	0.300	-1.5798	30.0
Anthracene	1.109	1.046	0.400	-5.7183	30.0
Fluoranthene	1.429	1.754	0.400	22.6876	30.0
Pyrene	1.509	1.846	0.500	22.274	30.0
Benzo (a) anthracene	1.392	1.211	0.400	-13.0429	30.0
Chrysene	1.738	2.087	0.400	20.0787	30.0
Benzo (b) fluoranthene	1.445	1.412	0.200	-2.2679	30.0
Benzo (k) fluoranthene	1.618	1.786	0.200	10.3946	30.0
Benzo (a) pyrene	1.379	1.443	0.200	4.6272	30.0
Indeno (1,2,3-cd) pyrene	1.891	2.007	0.200	6.1813	30.0
Dibenzo (a,h) anthracene	1.497	1.536	0.200	2.6084	30.0
Benzo (g,h,i) perylene	1.630	1.905	0.200	16.8651	30.0
Fluoranthene-d10	1.011	1.188	0.400	17.5801	30.0
2-Methylnaphthalene-d10	0.542	0.525	0.300	-3.127	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.: BM041824 SAS No.: BM041824 SDG No.: BM041824

Instrument ID: BNA_M Calibration Date/Time: 4/20/2024 1:08:52

Lab File ID: BM045419.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4081 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.576	0.010	14.4088	50.0
1,4-Dioxane-d8	0.525	0.670	0.010	27.5625	50.0
Naphthalene	1.061	1.095	0.600	3.178	50.0
1-Methylnaphthalene	0.692	0.691	0.300	-0.0895	50.0
2-Methylnaphthalene	0.634	0.619	0.300	-2.3981	50.0
Acenaphthylene	1.996	2.063	0.900	3.3608	50.0
Acenaphthene	1.429	1.540	0.500	7.8338	50.0
Fluorene	1.601	1.607	0.700	0.3692	50.0
Pentachlorophenol	0.094	0.082	0.010	-13.0301	50.0
Phenanthrene	1.126	1.167	0.300	3.6198	50.0
Anthracene	1.109	1.079	0.400	-2.7467	50.0
Fluoranthene	1.429	1.768	0.400	23.7263	50.0
Pyrene	1.509	1.867	0.500	23.672	50.0
Benzo (a) anthracene	1.392	1.387	0.400	-0.3797	50.0
Chrysene	1.738	1.955	0.400	12.4946	50.0
Benzo (b) fluoranthene	1.445	1.350	0.200	-6.5297	50.0
Benzo (k) fluoranthene	1.618	1.651	0.200	2.0733	50.0
Benzo (a) pyrene	1.379	1.435	0.200	4.0459	50.0
Indeno (1,2,3-cd) pyrene	1.891	2.026	0.200	7.1819	50.0
Dibenzo (a,h) anthracene	1.497	1.585	0.200	5.8938	50.0
Benzo (g,h,i) perylene	1.630	1.858	0.200	13.9735	50.0
Fluoranthene-d10	1.011	1.199	0.400	18.5837	50.0
2-Methylnaphthalene-d10	0.542	0.529	0.300	-2.4562	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK255	SDG No.:	BM041824
Lab Sample ID:	PB160255BL	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
BM045362.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

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	4.13		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1407		7.576			
1146-65-2	Naphthalene-d8	4013		10.342			
15067-26-2	Acenaphthene-d10	2030		14.224			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK255	SDG No.:	BM041824
Lab Sample ID:	PB160255BL	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
BM045362.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4198	16.985				
1719-03-5	Chrysene-d12	3323	21.227				
1520-96-3	Perylene-d12	3583	23.41				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK280	SDG No.:	BM041824
Lab Sample ID:	PB160280BL	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
BM045363.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160280

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	5.852		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.403		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	960	7.576				
1146-65-2	Naphthalene-d8	2670	10.342				
15067-26-2	Acenaphthene-d10	1354	14.223				

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK280	SDG No.:	BM041824
Lab Sample ID:	PB160280BL	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
BM045363.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2759	16.984				
1719-03-5	Chrysene-d12	2350	21.231				
1520-96-3	Perylene-d12	2046	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AN8	SDG No.:	BM041824
Lab Sample ID:	P2100-01	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
BM045364.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.13	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	3.06		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.408		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1171		7.576			
1146-65-2	Naphthalene-d8	3312		10.341			
15067-26-2	Acenaphthene-d10	1718		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AN8	SDG No.:	BM041824
Lab Sample ID:	P2100-01	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
BM045364.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3744	16.984				
1719-03-5	Chrysene-d12	3095	21.216				
1520-96-3	Perylene-d12	3372	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AN9	SDG No.:	BM041824
Lab Sample ID:	P2100-02	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
BM045365.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	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	2.245		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.356		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.278		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1427		7.576			
1146-65-2	Naphthalene-d8	4063		10.342			
15067-26-2	Acenaphthene-d10	2126		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AN9	SDG No.:	BM041824
Lab Sample ID:	P2100-02	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
BM045365.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4541	16.984				
1719-03-5	Chrysene-d12	3689	21.214				
1520-96-3	Perylene-d12	4148	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP0	SDG No.:	BM041824
Lab Sample ID:	P2100-03	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
BM045366.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.57		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	3.405		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1196		7.576			
1146-65-2	Naphthalene-d8	3421		10.342			
15067-26-2	Acenaphthene-d10	1812		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP0	SDG No.:	BM041824
Lab Sample ID:	P2100-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM045366.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3765	16.984				
1719-03-5	Chrysene-d12	3217	21.214				
1520-96-3	Perylene-d12	3583	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP2	SDG No.:	BM041824
Lab Sample ID:	P2100-04	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
BM045367.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.73		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.286		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1165		7.576			
1146-65-2	Naphthalene-d8	3432		10.342			
15067-26-2	Acenaphthene-d10	1777		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP2	SDG No.:	BM041824
Lab Sample ID:	P2100-04	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
BM045367.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3754	16.984				
1719-03-5	Chrysene-d12	3148	21.217				
1520-96-3	Perylene-d12	3426	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP4	SDG No.:	BM041824
Lab Sample ID:	P2100-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BM045368.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

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	3.098		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.387		30-130		97	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	1219		7.576			
1146-65-2	Naphthalene-d8	3493		10.341			
15067-26-2	Acenaphthene-d10	1791		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0AP4	SDG No.:	BM041824
Lab Sample ID:	P2100-05	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
BM045368.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3793	16.984				
1719-03-5	Chrysene-d12	3057	21.222				
1520-96-3	Perylene-d12	3147	23.411				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF6	SDG No.:	BM041824
Lab Sample ID:	P2077-01	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
BM045369.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.489		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.224		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1247		7.576			
1146-65-2	Naphthalene-d8	3609		10.342			
15067-26-2	Acenaphthene-d10	2003		14.224			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF6	SDG No.:	BM041824
Lab Sample ID:	P2077-01	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
BM045369.D	1	4/15/2024 12:00:00 AM	4/18/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4548	16.984				
1719-03-5	Chrysene-d12	3750	21.216				
1520-96-3	Perylene-d12	4134	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM041824
Lab Sample ID:	P2077-02	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
BM045370.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.22		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1031		7.576			
1146-65-2	Naphthalene-d8	3035		10.341			
15067-26-2	Acenaphthene-d10	1611		14.223			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM041824
Lab Sample ID:	P2077-02	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
BM045370.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3510	16.984				
1719-03-5	Chrysene-d12	2914	21.216				
1520-96-3	Perylene-d12	2951	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF8	SDG No.:	BM041824
Lab Sample ID:	P2077-03	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
BM045371.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

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	2.826		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1041		7.576			
1146-65-2	Naphthalene-d8	3088		10.341			
15067-26-2	Acenaphthene-d10	1618		14.223			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF8	SDG No.:	BM041824
Lab Sample ID:	P2077-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045371.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3482	16.984				
1719-03-5	Chrysene-d12	2834	21.219				
1520-96-3	Perylene-d12	2897	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AK5	SDG No.:	BM041824
Lab Sample ID:	P2077-04	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
BM045372.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

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	2.752		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1170		7.576			
1146-65-2	Naphthalene-d8	3406		10.342			
15067-26-2	Acenaphthene-d10	1796		14.224			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AK5	SDG No.:	BM041824
Lab Sample ID:	P2077-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM045372.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4020	16.984				
1719-03-5	Chrysene-d12	3288	21.216				
1520-96-3	Perylene-d12	3542	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF9	SDG No.:	BM041824
Lab Sample ID:	P2077-05	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
BM045373.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.996		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	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	1026		7.576			
1146-65-2	Naphthalene-d8	3016		10.341			
15067-26-2	Acenaphthene-d10	1571		14.224			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AF9	SDG No.:	BM041824
Lab Sample ID:	P2077-05	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
BM045373.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3496	16.985				
1719-03-5	Chrysene-d12	2857	21.215				
1520-96-3	Perylene-d12	3112	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY7	SDG No.:	BM041824
Lab Sample ID:	P2036-15	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
BM045374.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.41		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.482		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	935		7.576			
1146-65-2	Naphthalene-d8	2715		10.341			
15067-26-2	Acenaphthene-d10	1486		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY7	SDG No.:	BM041824
Lab Sample ID:	P2036-15	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
BM045374.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3237	16.984				
1719-03-5	Chrysene-d12	2499	21.222				
1520-96-3	Perylene-d12	2637	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY8	SDG No.:	BM041824
Lab Sample ID:	P2036-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BM045375.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.39		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	3.162		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.493		30-130		123	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	858		7.576			
1146-65-2	Naphthalene-d8	2504		10.341			
15067-26-2	Acenaphthene-d10	1368		14.223			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY8	SDG No.:	BM041824
Lab Sample ID:	P2036-16	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
BM045375.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2955	16.984				
1719-03-5	Chrysene-d12	2295	21.222				
1520-96-3	Perylene-d12	2269	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS255	SDG No.:	BM041824
Lab Sample ID:	PB160255BS	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
BM045376.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160255

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	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.33		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		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	0.78		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	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.47		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.46		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.48		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.49		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.48		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.5		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.767		15-120		96	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	718		7.631			
1146-65-2	Naphthalene-d8	2138		10.397			
15067-26-2	Acenaphthene-d10	1141		14.242			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS255	SDG No.:	BM041824
Lab Sample ID:	PB160255BS	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
BM045376.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2578	17.014				
1719-03-5	Chrysene-d12	2046	21.22				
1520-96-3	Perylene-d12	2645	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BM041824
Lab Sample ID:	PB160278BL	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
BM045378.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

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	5.046		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	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	856		7.572			
1146-65-2	Naphthalene-d8	2465		10.341			
15067-26-2	Acenaphthene-d10	1324		14.224			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BM041824
Lab Sample ID:	PB160278BL	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
BM045378.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2864	16.985				
1719-03-5	Chrysene-d12	2100	21.227				
1520-96-3	Perylene-d12	1987	23.41				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L



Client:				Date Collected:	4/9/2024 12:00:00 AM	
Project:				Date Received:	4/9/2024 12:00:00 AM	
Client Sample ID:	YCSS6			SDG No.:	BM041824	
Lab Sample ID:	P2053-01			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
BM045379.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.3	E	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.549		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.512		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	811	7.576				
1146-65-2	Naphthalene-d8	2485	10.341				
15067-26-2	Acenaphthene-d10	1357	14.219				

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	YC556	SDG No.:	BM041824
Lab Sample ID:	P2053-01	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
BM045379.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2855	16.984				
1719-03-5	Chrysene-d12	2334	21.222				
1520-96-3	Perylene-d12	2292	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	YCSSL	SDG No.:	BM041824
Lab Sample ID:	P2053-02	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
BM045380.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.14	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	3.123		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	943		7.576			
1146-65-2	Naphthalene-d8	2728		10.336			
15067-26-2	Acenaphthene-d10	1453		14.22			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	YCSSL	SDG No.:	BM041824
Lab Sample ID:	P2053-02	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
BM045380.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3117	16.981				
1719-03-5	Chrysene-d12	2445	21.221				
1520-96-3	Perylene-d12	2549	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSSL	SDG No.:	BM041824
Lab Sample ID:	P2053-03	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
BM045381.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.381		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.372		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	813		7.576			
1146-65-2	Naphthalene-d8	2395		10.336			
15067-26-2	Acenaphthene-d10	1324		14.22			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSSL	SDG No.:	BM041824
Lab Sample ID:	P2053-03	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
BM045381.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2817	16.981				
1719-03-5	Chrysene-d12	2223	21.221				
1520-96-3	Perylene-d12	2299	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4	SDG No.:	BM041824
Lab Sample ID:	P2036-12	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
BM045382.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	E	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.327		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	899		7.576			
1146-65-2	Naphthalene-d8	2611		10.336			
15067-26-2	Acenaphthene-d10	1379		14.219			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4	SDG No.:	BM041824
Lab Sample ID:	P2036-12	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
BM045382.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2962	16.98				
1719-03-5	Chrysene-d12	2336	21.219				
1520-96-3	Perylene-d12	2389	23.406				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4MS	SDG No.:	BM041824
Lab Sample ID:	P2036-13MS	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
BM045383.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6	E	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.41		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.91		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.47		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.24		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.55		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.54		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.5		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.5		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.52		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.22		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.56		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.56		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.56		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.286		15-120		36	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.486		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	665	7.61				
1146-65-2	Naphthalene-d8	2093	10.38				
15067-26-2	Acenaphthene-d10	1104	14.233				

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4MS	SDG No.:	BM041824
Lab Sample ID:	P2036-13MS	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
BM045383.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2377	17.001				
1719-03-5	Chrysene-d12	1994	21.211				
1520-96-3	Perylene-d12	2511	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4MSD	SDG No.:	BM041824
Lab Sample ID:	P2036-14MSD	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
BM045384.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	E	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.42		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.42		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.47		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.94		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.52		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.04	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.55		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.54		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.53		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.99		0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	1		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	1		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1		0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1		0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.253		15-120		32	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.489		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	709		7.614			
1146-65-2	Naphthalene-d8	2051		10.38			
15067-26-2	Acenaphthene-d10	1066		14.228			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSY4MSD	SDG No.:	BM041824
Lab Sample ID:	P2036-14MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BM045384.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2350	17.001				
1719-03-5	Chrysene-d12	2234	21.208				
1520-96-3	Perylene-d12	1478	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK239	SDG No.:	BM041824
Lab Sample ID:	PB160239BL	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
BM045385.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

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	6.033		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	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	874		7.572			
1146-65-2	Naphthalene-d8	2551		10.336			
15067-26-2	Acenaphthene-d10	1322		14.223			

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK239	SDG No.:	BM041824
Lab Sample ID:	PB160239BL	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
BM045385.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2761	16.984				
1719-03-5	Chrysene-d12	2035	21.225				
1520-96-3	Perylene-d12	1978	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SLCS239	SDG No.:	BM041824
Lab Sample ID:	PB160239BS	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
BM045386.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.72		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	0.45		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.46		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	0.45		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	0.42		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	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		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	0.439		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	685	7.618				
1146-65-2	Naphthalene-d8	2097	10.397				
15067-26-2	Acenaphthene-d10	1081	14.242				

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SLCS239	SDG No.:	BM041824
Lab Sample ID:	PB160239BS	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
BM045386.D	1	4/14/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2398	17.018				
1719-03-5	Chrysene-d12	1841	21.222				
1520-96-3	Perylene-d12	2502	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS280	SDG No.:	BM041824
Lab Sample ID:	PB160280BS	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
BM045387.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.43		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.42		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.42		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.79		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.44		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.51		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.51		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.5		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		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	0.47		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.5		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.883		15-120		110	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.498		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.419		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	552		7.627			
1146-65-2	Naphthalene-d8	1650		10.402			
15067-26-2	Acenaphthene-d10	903		14.242			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS280	SDG No.:	BM041824
Lab Sample ID:	PB160280BS	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
BM045387.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160280

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1882	17.022				
1719-03-5	Chrysene-d12	1530	21.222				
1520-96-3	Perylene-d12	2128	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BM041824
Lab Sample ID:	PB160278BS	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
BM045388.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		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	0.32		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	0.33		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.62		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	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.36		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		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	0.615		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	834		7.61			
1146-65-2	Naphthalene-d8	2569		10.386			
15067-26-2	Acenaphthene-d10	1339		14.238			

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BM041824
Lab Sample ID:	PB160278BS	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
BM045388.D	1	4/15/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2981	17.01				
1719-03-5	Chrysene-d12	2376	21.216				
1520-96-3	Perylene-d12	3308	23.416				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6476			SDG No.:	BM041824		
Lab Sample ID:	SP6476			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045389.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	0	200	ug/L
91-20-3	Naphthalene	4.3	U	4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	15	U	15	50	100	ug/L
91-57-6	2-Methylnaphthalene	5.3	U	5.3	50	100	ug/L
208-96-8	Acenaphthylene	12	U	12	50	100	ug/L
83-32-9	Acenaphthene	7.4	U	7.4	50	100	ug/L
86-73-7	Fluorene	6.7	U	6.7	50	100	ug/L
87-86-5	Pentachlorophenol	63	U	63	100	200	ug/L
85-01-8	Phenanthrene	6.8	U	6.8	50	100	ug/L
120-12-7	Anthracene	8	U	8	50	100	ug/L
206-44-0	Fluoranthene	7.9	U	7.9	50	100	ug/L
129-00-0	Pyrene	6	U	6	50	100	ug/L
56-55-3	Benzo(a)anthracene	3.6	U	3.6	50	100	ug/L
218-01-9	Chrysene	7.7	U	7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	13	U	13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	9.8	U	9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	17	U	17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	17	U	17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	22	U	22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	14415	*	15-120		180188	SPK: -8
93951-69-0	Fluoranthene-d10	983	*	30-130		245750	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	803	*	30-130		200750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	743		7.572			
1146-65-2	Naphthalene-d8	2346		10.336			
15067-26-2	Acenaphthene-d10	1268		14.22			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6476			SDG No.:	BM041824		
Lab Sample ID:	SP6476			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045389.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2638	16.981				
1719-03-5	Chrysene-d12	1959	21.224				
1520-96-3	Perylene-d12	1913	23.41				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6477			SDG No.:	BM041824		
Lab Sample ID:	SP6477			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045390.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	0	200	ug/L
91-20-3	Naphthalene	4.3	U	4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	15	U	15	50	100	ug/L
91-57-6	2-Methylnaphthalene	5.3	U	5.3	50	100	ug/L
208-96-8	Acenaphthylene	12	U	12	50	100	ug/L
83-32-9	Acenaphthene	7.4	U	7.4	50	100	ug/L
86-73-7	Fluorene	6.7	U	6.7	50	100	ug/L
87-86-5	Pentachlorophenol	63	U	63	100	200	ug/L
85-01-8	Phenanthrene	6.8	U	6.8	50	100	ug/L
120-12-7	Anthracene	8	U	8	50	100	ug/L
206-44-0	Fluoranthene	7.9	U	7.9	50	100	ug/L
129-00-0	Pyrene	6	U	6	50	100	ug/L
56-55-3	Benzo(a)anthracene	3.6	U	3.6	50	100	ug/L
218-01-9	Chrysene	7.7	U	7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	13	U	13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	9.8	U	9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	17	U	17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	17	U	17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	22	U	22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2516	*	15-120		31450	SPK: -8
93951-69-0	Fluoranthene-d10	1054	*	30-130		263500	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	855	*	30-130		213750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	419		7.66			
1146-65-2	Naphthalene-d8	1535		10.523			
15067-26-2	Acenaphthene-d10	907		14.283			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6477			SDG No.:	BM041824		
Lab Sample ID:	SP6477			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045390.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1675	17.077				
1719-03-5	Chrysene-d12	1550	21.248				
1520-96-3	Perylene-d12	1867	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3	SDG No.:	BM041824
Lab Sample ID:	P2032-17	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
BM045391.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.933		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	711		7.576			
1146-65-2	Naphthalene-d8	2141		10.341			
15067-26-2	Acenaphthene-d10	1146		14.22			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3	SDG No.:	BM041824
Lab Sample ID:	P2032-17	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
BM045391.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2474	16.981				
1719-03-5	Chrysene-d12	2090	21.218				
1520-96-3	Perylene-d12	2219	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS	SDG No.:	BM041824
Lab Sample ID:	P2032-18MS	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
BM045392.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.81		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	0.32		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	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.88		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		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	0.39		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	0.37		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	0.37		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		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	0.301		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.397		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	682		7.61			
1146-65-2	Naphthalene-d8	2101		10.369			
15067-26-2	Acenaphthene-d10	1054		14.233			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MS	SDG No.:	BM041824
Lab Sample ID:	P2032-18MS	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
BM045392.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2274	16.997				
1719-03-5	Chrysene-d12	2227	21.205				
1520-96-3	Perylene-d12	3089	23.406				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD	SDG No.:	BM041824
Lab Sample ID:	P2032-19MSD	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
BM045393.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.76		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	0.33		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.91		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		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	0.44		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.44		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.285		15-120		36	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	652		7.606			
1146-65-2	Naphthalene-d8	2129		10.375			
15067-26-2	Acenaphthene-d10	1063		14.228			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG3MSD	SDG No.:	BM041824
Lab Sample ID:	P2032-19MSD	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
BM045393.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2309	16.997				
1719-03-5	Chrysene-d12	2176	21.205				
1520-96-3	Perylene-d12	2960	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK224	SDG No.:	BM041824
Lab Sample ID:	PB160224BL	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
BM045395.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

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	5.321		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.302		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	783		7.576			
1146-65-2	Naphthalene-d8	2284		10.336			
15067-26-2	Acenaphthene-d10	1197		14.224			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK224	SDG No.:	BM041824
Lab Sample ID:	PB160224BL	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
BM045395.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2455	16.985				
1719-03-5	Chrysene-d12	1824	21.23				
1520-96-3	Perylene-d12	1771	23.413				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK234	SDG No.:	BM041824
Lab Sample ID:	PB160234BL	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
BM045396.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

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	5.322		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	905	7.572				
1146-65-2	Naphthalene-d8	2637	10.336				
15067-26-2	Acenaphthene-d10	1374	14.22				

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SBLK234	SDG No.:	BM041824
Lab Sample ID:	PB160234BL	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
BM045396.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2794	16.985				
1719-03-5	Chrysene-d12	2070	21.23				
1520-96-3	Perylene-d12	1858	23.41				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF2	SDG No.:	BM041824
Lab Sample ID:	P2032-06	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
BM045397.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.492		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.449		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.362		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	929		7.576			
1146-65-2	Naphthalene-d8	2730		10.336			
15067-26-2	Acenaphthene-d10	1446		14.22			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF2	SDG No.:	BM041824
Lab Sample ID:	P2032-06	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
BM045397.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3006	16.981				
1719-03-5	Chrysene-d12	2748	21.222				
1520-96-3	Perylene-d12	2637	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF3	SDG No.:	BM041824
Lab Sample ID:	P2032-07	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
BM045398.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.564		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	977		7.572			
1146-65-2	Naphthalene-d8	2806		10.336			
15067-26-2	Acenaphthene-d10	1443		14.219			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF3	SDG No.:	BM041824
Lab Sample ID:	P2032-07	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
BM045398.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3053	16.984				
1719-03-5	Chrysene-d12	2409	21.222				
1520-96-3	Perylene-d12	2284	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF6	SDG No.:	BM041824
Lab Sample ID:	P2032-10	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
BM045399.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

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	3.548		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.498		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1001		7.572			
1146-65-2	Naphthalene-d8	2879		10.336			
15067-26-2	Acenaphthene-d10	1496		14.22			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF6	SDG No.:	BM041824
Lab Sample ID:	P2032-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM045399.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3003	16.981				
1719-03-5	Chrysene-d12	2406	21.221				
1520-96-3	Perylene-d12	2360	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF7	SDG No.:	BM041824
Lab Sample ID:	P2032-11	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
BM045400.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.186		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.445		30-130		111	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	1082		7.576			
1146-65-2	Naphthalene-d8	3091		10.336			
15067-26-2	Acenaphthene-d10	1625		14.22			

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	E0MF7	SDG No.:	BM041824
Lab Sample ID:	P2032-11	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
BM045400.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3289	16.981				
1719-03-5	Chrysene-d12	2392	21.227				
1520-96-3	Perylene-d12	2391	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MF8	SDG No.:	BM041824
Lab Sample ID:	P2032-12	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
BM045401.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

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	3.216		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.509		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	960		7.572			
1146-65-2	Naphthalene-d8	2757		10.336			
15067-26-2	Acenaphthene-d10	1413		14.22			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MF8	SDG No.:	BM041824
Lab Sample ID:	P2032-12	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
BM045401.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2926	16.981				
1719-03-5	Chrysene-d12	2377	21.221				
1520-96-3	Perylene-d12	2432	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK226	SDG No.:	BM041824
Lab Sample ID:	PB160226BL	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
BM045402.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

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	5.083		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.297		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	958		7.572			
1146-65-2	Naphthalene-d8	2785		10.336			
15067-26-2	Acenaphthene-d10	1414		14.22			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SBLK226	SDG No.:	BM041824
Lab Sample ID:	PB160226BL	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
BM045402.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2881	16.981				
1719-03-5	Chrysene-d12	1952	21.23				
1520-96-3	Perylene-d12	1839	23.407				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS227	SDG No.:	BM041824
Lab Sample ID:	PB160227BS	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
BM045403.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		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	0.64		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.46		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.46		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		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	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.941		15-120		118	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	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	581	7.648				
1146-65-2	Naphthalene-d8	1886	10.408				
15067-26-2	Acenaphthene-d10	918	14.242				

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS227	SDG No.:	BM041824
Lab Sample ID:	PB160227BS	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
BM045403.D	1	4/13/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1966	17.022				
1719-03-5	Chrysene-d12	1456	21.225				
1520-96-3	Perylene-d12	1932	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MF9	SDG No.:	BM041824
Lab Sample ID:	P2032-13	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
BM045404.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.414		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.322		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	806	7.572				
1146-65-2	Naphthalene-d8	2395	10.336				
15067-26-2	Acenaphthene-d10	1258	14.22				

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MF9	SDG No.:	BM041824
Lab Sample ID:	P2032-13	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
BM045404.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2703	16.981				
1719-03-5	Chrysene-d12	2181	21.218				
1520-96-3	Perylene-d12	2291	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG0	SDG No.:	BM041824
Lab Sample ID:	P2032-14	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
BM045405.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

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	3.556		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.524	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	861		7.572			
1146-65-2	Naphthalene-d8	2485		10.336			
15067-26-2	Acenaphthene-d10	1322		14.219			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG0	SDG No.:	BM041824
Lab Sample ID:	P2032-14	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
BM045405.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2770	16.98				
1719-03-5	Chrysene-d12	2233	21.214				
1520-96-3	Perylene-d12	2471	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG2	SDG No.:	BM041824
Lab Sample ID:	P2032-16	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
BM045406.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

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	4.234		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	866		7.572			
1146-65-2	Naphthalene-d8	2591		10.336			
15067-26-2	Acenaphthene-d10	1388		14.219			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	E0MG2	SDG No.:	BM041824
Lab Sample ID:	P2032-16	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
BM045406.D	1	4/12/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2912	16.98				
1719-03-5	Chrysene-d12	2393	21.217				
1520-96-3	Perylene-d12	2403	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSX6	SDG No.:	BM041824
Lab Sample ID:	P2036-09	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
BM045407.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160226

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	4.033		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.486		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.362		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	892		7.572			
1146-65-2	Naphthalene-d8	2668		10.336			
15067-26-2	Acenaphthene-d10	1423		14.22			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSX6	SDG No.:	BM041824
Lab Sample ID:	P2036-09	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
BM045407.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2900	16.981				
1719-03-5	Chrysene-d12	2244	21.219				
1520-96-3	Perylene-d12	2387	23.399				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSY3	SDG No.:	BM041824
Lab Sample ID:	P2036-10	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
BM045408.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.57		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.238		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1024		7.572			
1146-65-2	Naphthalene-d8	2765		10.336			
15067-26-2	Acenaphthene-d10	1483		14.219			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	YCSY3	SDG No.:	BM041824
Lab Sample ID:	P2036-10	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
BM045408.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3057	16.98				
1719-03-5	Chrysene-d12	2323	21.216				
1520-96-3	Perylene-d12	2454	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4	SDG No.:	BM041824
Lab Sample ID:	P2032-20	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
BM045409.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.414		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1088	7.572				
1146-65-2	Naphthalene-d8	3195	10.336				
15067-26-2	Acenaphthene-d10	1630	14.219				

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG4	SDG No.:	BM041824
Lab Sample ID:	P2032-20	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
BM045409.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3212	16.98				
1719-03-5	Chrysene-d12	2337	21.222				
1520-96-3	Perylene-d12	2442	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS234	SDG No.:	BM041824
Lab Sample ID:	PB160234BS	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
BM045410.D	1	4/13/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.43		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		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	0.44		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.45		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.54		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.53		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.44		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.52		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.48		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.49		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.48		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.53		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.982	*	15-120		123	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.504		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.397		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	598		7.639			
1146-65-2	Naphthalene-d8	1918		10.397			
15067-26-2	Acenaphthene-d10	920		14.242			

Report of Analysis

Client:		Date Collected:	4/13/2024 12:00:00 AM
Project:		Date Received:	4/13/2024 12:00:00 AM
Client Sample ID:	SLCS234	SDG No.:	BM041824
Lab Sample ID:	PB160234BS	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
BM045410.D	1	4/13/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1918	17.022				
1719-03-5	Chrysene-d12	1363	21.222				
1520-96-3	Perylene-d12	1818	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS224	SDG No.:	BM041824
Lab Sample ID:	PB160224BS	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
BM045411.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5		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	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		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	0.7		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.49		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	0.49		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		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	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.883		15-120		110	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.465		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.383		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	624		7.639			
1146-65-2	Naphthalene-d8	1843		10.402			
15067-26-2	Acenaphthene-d10	940		14.238			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS224	SDG No.:	BM041824
Lab Sample ID:	PB160224BS	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
BM045411.D	1	4/12/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1829	17.023				
1719-03-5	Chrysene-d12	1374	21.224				
1520-96-3	Perylene-d12	1931	23.422				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK237	SDG No.:	BM041824
Lab Sample ID:	PB160237BL	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
BM045413.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

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	5.619		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	821		7.572			
1146-65-2	Naphthalene-d8	2385		10.336			
15067-26-2	Acenaphthene-d10	1209		14.219			

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SBLK237	SDG No.:	BM041824
Lab Sample ID:	PB160237BL	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
BM045413.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2400	16.98				
1719-03-5	Chrysene-d12	1601	21.231				
1520-96-3	Perylene-d12	1460	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5	SDG No.:	BM041824
Lab Sample ID:	P2032-21	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
BM045414.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.407		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	848		7.572			
1146-65-2	Naphthalene-d8	2427		10.331			
15067-26-2	Acenaphthene-d10	1234		14.219			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG5	SDG No.:	BM041824
Lab Sample ID:	P2032-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BM045414.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2548	16.98				
1719-03-5	Chrysene-d12	1976	21.219				
1520-96-3	Perylene-d12	2042	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6	SDG No.:	BM041824
Lab Sample ID:	P2032-22	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
BM045415.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

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	4.25		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.575	*	30-130		144	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.4		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	869		7.572			
1146-65-2	Naphthalene-d8	2499		10.331			
15067-26-2	Acenaphthene-d10	1275		14.214			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG6	SDG No.:	BM041824
Lab Sample ID:	P2032-22	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
BM045415.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2621	16.98				
1719-03-5	Chrysene-d12	1978	21.219				
1520-96-3	Perylene-d12	1854	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSW8	SDG No.:	BM041824
Lab Sample ID:	P2036-11	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
BM045416.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.266		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.501		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	945		7.572			
1146-65-2	Naphthalene-d8	2716		10.331			
15067-26-2	Acenaphthene-d10	1372		14.219			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCSW8	SDG No.:	BM041824
Lab Sample ID:	P2036-11	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
BM045416.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2726	16.98				
1719-03-5	Chrysene-d12	1864	21.223				
1520-96-3	Perylene-d12	1889	23.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AK6	SDG No.:	BM041824
Lab Sample ID:	P2079-01	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
BM045417.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

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	14	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1.7	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.69		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.1		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	150	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	36	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.07	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.86		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	4	E	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	13	E	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	6.5	E	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	0.12		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	J	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.775		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.481		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	942		7.572			
1146-65-2	Naphthalene-d8	2755		10.33			
15067-26-2	Acenaphthene-d10	1984		14.215			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AK6	SDG No.:	BM041824
Lab Sample ID:	P2079-01	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
BM045417.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4441	16.976				
1719-03-5	Chrysene-d12	3679	21.189				
1520-96-3	Perylene-d12	3835	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SLCS237	SDG No.:	BM041824
Lab Sample ID:	PB160237BS	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
BM045418.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

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	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		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	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.74		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	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		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	0.4		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	0.415		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	710	7.631				
1146-65-2	Naphthalene-d8	2276	10.391				
15067-26-2	Acenaphthene-d10	1211	14.237				

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	SLCS237	SDG No.:	BM041824
Lab Sample ID:	PB160237BS	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
BM045418.D	1	4/14/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2584	17.014				
1719-03-5	Chrysene-d12	1948	21.214				
1520-96-3	Perylene-d12	2701	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L



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Fax : 908 789 8922

Hit Summary Sheet SW-846

SDG No.: BM041824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	E0MF2							
P2032-06	E0MF2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MF3							
P2032-07	E0MF3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MF6							
P2032-10	E0MF6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MF7							
P2032-11	E0MF7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MF8							
P2032-12	E0MF8	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MF9							
P2032-13	E0MF9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG0							
P2032-14	E0MG0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG2							
P2032-16	E0MG2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG3							
P2032-17	E0MG3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BM041824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E0MG4							
P2032-20	E0MG4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG5							
P2032-21	E0MG5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG6							
P2032-22	E0MG6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSX6							
P2036-09	YCSX6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSY3							
P2036-10	YCSY3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-10	YCSY3	Water	1,4-Dioxane		0.570	0.029	0.2	ug/L
			Total Svoc :			0.57		
			Total Concentration:			0.57		
Client ID :	YCSW8							
P2036-11	YCSW8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSY4							
P2036-12	YCSY4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-12	YCSY4	Water	1,4-Dioxane		4.800	E 0.029	0.2	ug/L
			Total Svoc :			4.80		
			Total Concentration:			4.80		
Client ID :	YCSY7							
P2036-15	YCSY7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-15	YCSY7	Water	1,4-Dioxane		0.410	0.029	0.2	ug/L
			Total Svoc :			0.41		

Hit Summary Sheet SW-846

SDG No.: BM041824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.41		
Client ID :	YCSY8							
P2036-16	YCSY8	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2036-16	YCSY8	Water	1,4-Dioxane		0.390	0.03	0.2	ug/L
			Total Svoc :			0.39		
			Total Concentration:			0.39		
Client ID :	YCSSL6							
P2053-01	YCSSL6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2053-01	YCSSL6	Water	1,4-Dioxane		3.300	E 0.029	0.2	ug/L
			Total Svoc :			3.30		
			Total Concentration:			3.30		
Client ID :	YCSSL7							
P2053-02	YCSSL7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2053-02	YCSSL7	Water	1,4-Dioxane		0.140	J 0.029	0.2	ug/L
			Total Svoc :			0.14		
			Total Concentration:			0.14		
Client ID :	YCSSL8							
P2053-03	YCSSL8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AF6							
P2077-01	C0AF6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AF7							
P2077-02	C0AF7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AF8							
P2077-03	C0AF8	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AK5							
P2077-04	C0AK5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L



SDG No.: BM041824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AF9							
P2077-05	C0AF9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AK6							
P2079-01	C0AK6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2079-01	C0AK6	Water	1-Methylnaphthalene		1.700	E 0.015	0.1	ug/L
P2079-01	C0AK6	Water	2-Methylnaphthalene		0.690	0.0053	0.1	ug/L
P2079-01	C0AK6	Water	Acenaphthene		150.000	E 0.0074	0.1	ug/L
P2079-01	C0AK6	Water	Acenaphthylene		1.100	0.012	0.1	ug/L
P2079-01	C0AK6	Water	Anthracene		4.000	E 0.008	0.1	ug/L
P2079-01	C0AK6	Water	Benzo(a)anthracene		0.290	0.0036	0.1	ug/L
P2079-01	C0AK6	Water	Benzo(b)fluoranthene		0.040	J 0.013	0.1	ug/L
P2079-01	C0AK6	Water	Benzo(k)fluoranthene		0.020	J 0.0098	0.1	ug/L
P2079-01	C0AK6	Water	Chrysene		0.120	0.0077	0.1	ug/L
P2079-01	C0AK6	Water	Fluoranthene		13.000	E 0.0079	0.1	ug/L
P2079-01	C0AK6	Water	Fluorene		36.000	E 0.0067	0.1	ug/L
P2079-01	C0AK6	Water	Naphthalene		14.000	E 0.0043	0.1	ug/L
P2079-01	C0AK6	Water	Pentachlorophenol		0.070	J 0.063	0.2	ug/L
P2079-01	C0AK6	Water	Phenanthrene		0.860	0.0068	0.1	ug/L
P2079-01	C0AK6	Water	Pyrene		6.500	E 0.006	0.1	ug/L
			Total Svoc :			228.39		
			Total Concentration:			228.39		
Client ID :	C0AN8							
P2100-01	C0AN8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2100-01	C0AN8	Water	1,4-Dioxane		0.130	J 0.029	0.2	ug/L
			Total Svoc :			0.13		
			Total Concentration:			0.13		
Client ID :	C0AN9							
P2100-02	C0AN9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2100-02	C0AN9	Water	1,4-Dioxane		0.110	J 0.029	0.2	ug/L
			Total Svoc :			0.11		
			Total Concentration:			0.11		
Client ID :	C0AP0							

Hit Summary Sheet SW-846

SDG No.: BM041824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2100-03	C0AP0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2100-03	C0AP0	Water	1,4-Dioxane		0.570	0.03	0.2	ug/L
			Total Svoc :			0.57		
			Total Concentration:			0.57		
Client ID : C0AP2								
P2100-04	C0AP2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2100-04	C0AP2	Water	1,4-Dioxane		0.730	0.029	0.2	ug/L
			Total Svoc :			0.73		
			Total Concentration:			0.73		
Client ID : C0AP4								
P2100-05	C0AP4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : SP6476								
SP6476	SP6476	Water	Total Alkanes	*	0.000	29	200	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : SP6477								
SP6477	SP6477	Water	Total Alkanes	*	0.000	29	200	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.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: _____ Calibration Date(s): 4/3/2024 1: _____
Calibration Time(s): 18:13 _____

LAB FILE ID:		RRFAL1 = BM044896.D			RRFAL2 = BM044897.D		RRFAL3 = BM044898.D	
		RRFAL4 = BM044899.D			RRFAL5 = BM044900.D		RRFAL6 = BM044901.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.509	0.494	0.529	0.503	0.484	0.504	3.4
1,4-Dioxane-d8		0.619	0.529	0.518	0.481	0.480	0.525	10.8
Naphthalene	1.077	1.058	1.085	1.055	1.032		1.061	1.9
1-Methylnaphthalene	0.683	0.672	0.715	0.698	0.693		0.692	2.3
2-Methylnaphthalene	0.597	0.614	0.659	0.650	0.648		0.634	4.3
Acenaphthylene	2.089	1.988	2.018	1.988	1.897		1.996	3.5
Acenaphthene	1.438	1.419	1.478	1.432	1.376		1.429	2.6
Fluorene	1.633	1.594	1.656	1.588	1.536		1.601	2.9
Pentachlorophenol		0.085	0.095	0.089	0.094	0.106	0.094	8.4
Phenanthrene	1.140	1.109	1.143	1.125	1.115		1.126	1.3
Anthracene	1.185	1.061	1.131	1.088	1.081		1.109	4.5
Fluoranthene	1.502	1.397	1.424	1.424	1.400		1.429	3.0
Pyrene	1.600	1.494	1.514	1.489	1.451		1.509	3.7
Benzo(a)anthracene	1.421	1.311	1.420	1.409	1.401		1.392	3.3
Chrysene	2.000	1.819	1.741	1.610	1.520		1.738	10.7
Benzo(b)fluoranthene	1.599	1.414	1.449	1.404	1.357		1.445	6.4
Benzo(k)fluoranthene	1.731	1.689	1.627	1.546	1.497		1.618	6.0
Benzo(a)pyrene	1.458	1.394	1.392	1.347	1.306		1.379	4.2
Indeno(1,2,3-cd)pyrene	1.989	1.841	1.913	1.877	1.833		1.891	3.4
Dibenzo(a,h)anthracene	1.557	1.469	1.518	1.485	1.456		1.497	2.7
Benzo(g,h,i)perylene	1.751	1.628	1.634	1.593	1.546		1.630	4.7
Fluoranthene-d10	0.995	0.980	1.032	1.031	1.017		1.011	2.3
2-Methylnaphthalene-d10	0.529	0.526	0.562	0.550	0.543		0.542	2.8

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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 19:44

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	1937	7.656	5585	10.44	3022	14.31
	UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
	LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
	EPA SAMPLE NO.						
01	SBLK255	1407	7.58	4013	10.34	2030	14.22
02	SBLK280	960 *	7.58	2670 *	10.34	1354 *	14.22
03	C0AN8	1171	7.58	3312	10.34	1718	14.22
04	C0AN9	1427	7.58	4063	10.34	2126	14.22
05	C0AP0	1196	7.58	3421	10.34	1812	14.22
06	C0AP2	1165	7.58	3432	10.34	1777	14.22
07	C0AP4	1219	7.58	3493	10.34	1791	14.22
08	C0AF6	1247	7.58	3609	10.34	2003	14.22
09	C0AF7	1031	7.58	3035	10.34	1611	14.22
10	C0AF8	1041	7.58	3088	10.34	1618	14.22
11	C0AK5	1170	7.58	3406	10.34	1796	14.22
12	C0AF9	1026	7.58	3016	10.34	1571	14.22
13	YCSY7	935 *	7.58	2715 *	10.34	1486 *	14.22
14	YCSY8	858 *	7.58	2504 *	10.34	1368 *	14.22
15	SLCS255	718 *	7.63	2138 *	10.40	1141 *	14.24
16	SBLK278	856 *	7.57	2465 *	10.34	1324 *	14.22
17	YCSSL6	811 *	7.58	2485 *	10.34	1357 *	14.22
18	YCSSL7	943 *	7.58	2728 *	10.34	1453 *	14.22
19	YCSSL8	813 *	7.58	2395 *	10.34	1324 *	14.22
20	YCSY4	899 *	7.58	2611 *	10.34	1379 *	14.22
21	YCSY4MS	665 *	7.61	2093 *	10.38	1104 *	14.23
22	YCSY4MSD	709 *	7.61	2051 *	10.38	1066 *	14.23
23	SBLK239	874 *	7.57	2551 *	10.34	1322 *	14.22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 10:46

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	1937	7.656	5585	10.44	3022	14.31
	UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
	LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
	EPA SAMPLE NO.						
24	SLCS239	685 *	7.62	2097 *	10.40	1081 *	14.24
25	SLCS280	552 *	7.63	1650 *	10.40	903 *	14.24
26	SLCS278	834 *	7.61	2569 *	10.39	1339 *	14.24
27	SP6476	743 *	7.57	2346 *	10.34	1268 *	14.22
28	SP6477	419 *	7.66	1535 *	10.52	907 *	14.28
29	E0MG3	711 *	7.58	2141 *	10.34	1146 *	14.22
30	E0MG3MS	682 *	7.61	2101 *	10.37	1054 *	14.23
31	E0MG3MSD	652 *	7.61	2129 *	10.38	1063 *	14.23
32	SBLK224	783 *	7.58	2284 *	10.34	1197 *	14.22
33	SBLK234	905 *	7.57	2637 *	10.34	1374 *	14.22
34	E0MF2	929 *	7.58	2730 *	10.34	1446 *	14.22
35	E0MF3	977	7.57	2806	10.34	1443 *	14.22
36	E0MF6	1001	7.57	2879	10.34	1496 *	14.22
37	E0MF7	1082	7.58	3091	10.34	1625	14.22
38	E0MF8	960 *	7.57	2757 *	10.34	1413 *	14.22
39	SBLK226	958 *	7.57	2785 *	10.34	1414 *	14.22
40	SLCS227	581 *	7.65	1886 *	10.41	918 *	14.24
41	E0MF9	806 *	7.57	2395 *	10.34	1258 *	14.22
42	E0MG0	861 *	7.57	2485 *	10.34	1322 *	14.22
43	E0MG2	866 *	7.57	2591 *	10.34	1388 *	14.22
44	YCSX6	892 *	7.57	2668 *	10.34	1423 *	14.22
45	YCSY3	1024	7.57	2765 *	10.34	1483 *	14.22
46	E0MG4	1088	7.57	3195	10.34	1630	14.22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 02:13

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	1937	7.656	5585	10.44	3022	14.31
UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
EPA SAMPLE NO.						
47 SLCS234	598 *	7.64	1918 *	10.40	920 *	14.24
48 SLCS224	624 *	7.64	1843 *	10.40	940 *	14.24
49 SBLK237	821 *	7.57	2385 *	10.34	1209 *	14.22
50 EOMG5	848 *	7.57	2427 *	10.33	1234 *	14.22
51 EOMG6	869 *	7.57	2499 *	10.33	1275 *	14.21
52 YCSW8	945 *	7.57	2716 *	10.33	1372 *	14.22
53 COAK6	942 *	7.57	2755 *	10.33	1984	14.22
54 SLCS237	710 *	7.63	2276 *	10.39	1211 *	14.24

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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4077 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM045361.D Time Analyzed: 19:44

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	872	7.61	2741	10.39	1277	14.24
UPPER LIMIT	1744	8.11	5482	10.886	2554	14.742
LOWER LIMIT	436	7.11	1370.5	9.886	638.5	13.742
EPA SAMPLE NO.						
01 SBLK255	1407	7.58	4013	10.34	2030	14.22
02 SBLK280	960	7.58	2670	10.34	1354	14.22
03 C0AN8	1171	7.58	3312	10.34	1718	14.22
04 C0AN9	1427	7.58	4063	10.34	2126	14.22
05 C0AP0	1196	7.58	3421	10.34	1812	14.22
06 C0AP2	1165	7.58	3432	10.34	1777	14.22
07 C0AP4	1219	7.58	3493	10.34	1791	14.22
08 C0AF6	1247	7.58	3609	10.34	2003	14.22
09 C0AF7	1031	7.58	3035	10.34	1611	14.22
10 C0AF8	1041	7.58	3088	10.34	1618	14.22
11 C0AK5	1170	7.58	3406	10.34	1796	14.22
12 C0AF9	1026	7.58	3016	10.34	1571	14.22
13 YCSY7	935	7.58	2715	10.34	1486	14.22
14 YCSY8	858	7.58	2504	10.34	1368	14.22
15 SLCS255	718	7.63	2138	10.40	1141	14.24

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

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

Form VIII SV-1



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4078 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045377.D Time Analyzed: 15:01

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	898	7.618	2671	10.38	1375	14.24
UPPER LIMIT	1796	8.118	5342	10.88	2750	14.737
LOWER LIMIT	449	7.118	1335.5	9.88	687.5	13.737
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4079 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045394.D Time Analyzed: 17:06

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	886	7.606	2572	10.38	1215	14.24
	UPPER LIMIT	1772	8.106	5144	10.88	2430	14.738
	LOWER LIMIT	443	7.106	1286	9.88	607.5	13.738
	EPA SAMPLE NO.						
01	SBLK224	783	7.58	2284	10.34	1197	14.22
02	SBLK234	905	7.57	2637	10.34	1374	14.22
03	EOMF2	929	7.58	2730	10.34	1446	14.22
04	EOMF3	977	7.57	2806	10.34	1443	14.22
05	EOMF6	1001	7.57	2879	10.34	1496	14.22
06	EOMF7	1082	7.58	3091	10.34	1625	14.22
07	EOMF8	960	7.57	2757	10.34	1413	14.22
08	SBLK226	958	7.57	2785	10.34	1414	14.22
09	SLCS227	581	7.65	1886	10.41	918	14.24
10	EOMF9	806	7.57	2395	10.34	1258	14.22
11	EOMG0	861	7.57	2485	10.34	1322	14.22
12	EOMG2	866	7.57	2591	10.34	1388	14.22
13	YCSX6	892	7.57	2668	10.34	1423	14.22
14	YCSY3	1024	7.57	2765	10.34	1483	14.22
15	EOMG4	1088	7.57	3195	10.34	1630	14.22
16	SLCS234	598	7.64	1918	10.40	920	14.24
17	SLCS224	624	7.64	1843	10.40	940	14.24



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4079 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045394.D Time Analyzed: 02:49

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	886	7.606	2572	10.38	1215	14.24
UPPER LIMIT	1772	8.106	5144	10.88	2430	14.738
LOWER LIMIT	443	7.106	1286	9.88	607.5	13.738
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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4080 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045412.D Time Analyzed: 04:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	617	7.635	1925	10.40	930	14.24
UPPER LIMIT	1234	8.135	3850	10.896	1860	14.738
LOWER LIMIT	308.5	7.135	962.5	9.896	465	13.738
EPA SAMPLE NO.						
01 SBLK237	821	7.57	2385	10.34	1209	14.22
02 E0MG5	848	7.57	2427	10.33	1234	14.22
03 E0MG6	869	7.57	2499	10.33	1275	14.21
04 YCSW8	945	7.57	2716	10.33	1372	14.22
05 C0AK6	942	7.57	2755	10.33	1984 *	14.22
06 SLCS237	710	7.63	2276	10.39	1211	14.24

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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 19:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6981	17.068	7240	21.272	9261	23.505
	UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
	LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
	EPA SAMPLE NO.						
01	SBLK255	4198	16.99	3323 *	21.23	3583 *	23.41
02	SBLK280	2759 *	16.98	2350 *	21.23	2046 *	23.41
03	C0AN8	3744	16.98	3095 *	21.22	3372 *	23.41
04	C0AN9	4541	16.98	3689	21.21	4148 *	23.40
05	C0AP0	3765	16.98	3217 *	21.21	3583 *	23.40
06	C0AP2	3754	16.98	3148 *	21.22	3426 *	23.40
07	C0AP4	3793	16.98	3057 *	21.22	3147 *	23.41
08	C0AF6	4548	16.98	3750	21.22	4134 *	23.41
09	C0AF7	3510	16.98	2914 *	21.22	2951 *	23.41
10	C0AF8	3482 *	16.98	2834 *	21.22	2897 *	23.41
11	C0AK5	4020	16.98	3288 *	21.22	3542 *	23.40
12	C0AF9	3496	16.99	2857 *	21.22	3112 *	23.40
13	YCSY7	3237 *	16.98	2499 *	21.22	2637 *	23.41
14	YCSY8	2955 *	16.98	2295 *	21.22	2269 *	23.41
15	SLCS255	2578 *	17.01	2046 *	21.22	2645 *	23.42
16	SBLK278	2864 *	16.99	2100 *	21.23	1987 *	23.41
17	YCSSL6	2855 *	16.98	2334 *	21.22	2292 *	23.41
18	YCSSL7	3117 *	16.98	2445 *	21.22	2549 *	23.41
19	YCSSL8	2817 *	16.98	2223 *	21.22	2299 *	23.41
20	YCSY4	2962 *	16.98	2336 *	21.22	2389 *	23.41
21	YCSY4MS	2377 *	17.00	1994 *	21.21	2511 *	23.41

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 09:34

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	6981	17.068	7240	21.272	9261	23.505
	UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
	LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
	EPA SAMPLE NO.						
22	YCSY4MSD	2350 *	17.00	2234 *	21.21	1478 *	23.42
23	SBLK239	2761 *	16.98	2035 *	21.23	1978 *	23.41
24	SLCS239	2398 *	17.02	1841 *	21.22	2502 *	23.43
25	SLCS280	1882 *	17.02	1530 *	21.22	2128 *	23.42
26	SLCS278	2981 *	17.01	2376 *	21.22	3308 *	23.42
27	SP6476	2638 *	16.98	1959 *	21.22	1913 *	23.41
28	SP6477	1675 *	17.08	1550 *	21.25	1867 *	23.44
29	E0MG3	2474 *	16.98	2090 *	21.22	2219 *	23.40
30	E0MG3MS	2274 *	17.00	2227 *	21.21	3089 *	23.41
31	E0MG3MSD	2309 *	17.00	2176 *	21.21	2960 *	23.40
32	SBLK224	2455 *	16.99	1824 *	21.23	1771 *	23.41
33	SBLK234	2794 *	16.99	2070 *	21.23	1858 *	23.41
34	E0MF2	3006 *	16.98	2748 *	21.22	2637 *	23.41
35	E0MF3	3053 *	16.98	2409 *	21.22	2284 *	23.41
36	E0MF6	3003 *	16.98	2406 *	21.22	2360 *	23.41
37	E0MF7	3289 *	16.98	2392 *	21.23	2391 *	23.41
38	E0MF8	2926 *	16.98	2377 *	21.22	2432 *	23.41
39	SBLK226	2881 *	16.98	1952 *	21.23	1839 *	23.41
40	SLCS227	1966 *	17.02	1456 *	21.23	1932 *	23.42
41	E0MF9	2703 *	16.98	2181 *	21.22	2291 *	23.40
42	E0MG0	2770 *	16.98	2233 *	21.21	2471 *	23.40

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 23:48

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	6981	17.068	7240	21.272	9261	23.505
	UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
	LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
	EPA SAMPLE NO.						
43	EOMG2	2912 *	16.98	2393 *	21.22	2403 *	23.40
44	YCSX6	2900 *	16.98	2244 *	21.22	2387 *	23.40
45	YCSY3	3057 *	16.98	2323 *	21.22	2454 *	23.40
46	EOMG4	3212 *	16.98	2337 *	21.22	2442 *	23.41
47	SLCS234	1918 *	17.02	1363 *	21.22	1818 *	23.43
48	SLCS224	1829 *	17.02	1374 *	21.22	1931 *	23.42
49	SBLK237	2400 *	16.98	1601 *	21.23	1460 *	23.41
50	EOMG5	2548 *	16.98	1976 *	21.22	2042 *	23.40
51	EOMG6	2621 *	16.98	1978 *	21.22	1854 *	23.40
52	YCSW8	2726 *	16.98	1864 *	21.22	1889 *	23.41
53	C0AK6	4441	16.98	3679	21.19	3835 *	23.38
54	SLCS237	2584 *	17.01	1948 *	21.21	2701 *	23.41

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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4077 Date Analyzed: Apr 18 2024 12:00AM

Lab File ID: BM045361.D Time Analyzed: 19:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2747	17.018	2473	21.22	3378	23.423
	UPPER LIMIT	5494	17.518	4946	21.72	6756	23.923
	LOWER LIMIT	1373.5	16.518	1236.5	20.72	1689	22.923
	EPA SAMPLE NO.						
01	SBLK255	4198	16.99	3323	21.23	3583	23.41
02	SBLK280	2759	16.98	2350	21.23	2046	23.41
03	C0AN8	3744	16.98	3095	21.22	3372	23.41
04	C0AN9	4541	16.98	3689	21.21	4148	23.40
05	C0AP0	3765	16.98	3217	21.21	3583	23.40
06	C0AP2	3754	16.98	3148	21.22	3426	23.40
07	C0AP4	3793	16.98	3057	21.22	3147	23.41
08	C0AF6	4548	16.98	3750	21.22	4134	23.41
09	C0AF7	3510	16.98	2914	21.22	2951	23.41
10	C0AF8	3482	16.98	2834	21.22	2897	23.41
11	C0AK5	4020	16.98	3288	21.22	3542	23.40
12	C0AF9	3496	16.99	2857	21.22	3112	23.40
13	YCSY7	3237	16.98	2499	21.22	2637	23.41
14	YCSY8	2955	16.98	2295	21.22	2269	23.41
15	SLCS255	2578	17.01	2046	21.22	2645	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4077 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045361.D Time Analyzed: 04:10

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	2747	17.018	2473	21.22	3378	23.423
UPPER LIMIT	5494	17.518	4946	21.72	6756	23.923
LOWER LIMIT	1373.5	16.518	1236.5	20.72	1689	22.923
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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4078 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045377.D Time Analyzed: 05:58

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	3078	17.014	2423	21.217	3360	23.42
	UPPER LIMIT	6156	17.514	4846	21.717	6720	23.92
	LOWER LIMIT	1539	16.514	1211.5	20.717	1680	22.92
	EPA SAMPLE NO.						
01	SBLK278	2864	16.99	2100	21.23	1987	23.41
02	YCSSL6	2855	16.98	2334	21.22	2292	23.41
03	YCSSL7	3117	16.98	2445	21.22	2549	23.41
04	YCSSL8	2817	16.98	2223	21.22	2299	23.41
05	YCSY4	2962	16.98	2336	21.22	2389	23.41
06	YCSY4MS	2377	17.00	1994	21.21	2511	23.41
07	YCSY4MSD	2350	17.00	2234	21.21	1478 *	23.42
08	SBLK239	2761	16.98	2035	21.23	1978	23.41
09	SLCS239	2398	17.02	1841	21.22	2502	23.43
10	SLCS280	1882	17.02	1530	21.22	2128	23.42
11	SLCS278	2981	17.01	2376	21.22	3308	23.42
12	SP6476	2638	16.98	1959	21.22	1913	23.41
13	SP6477	1675	17.08	1550	21.25	1867	23.44
14	EOMG3	2474	16.98	2090	21.22	2219	23.40
15	EOMG3MS	2274	17.00	2227	21.21	3089	23.41
16	EOMG3MSD	2309	17.00	2176	21.21	2960	23.40

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4078 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045377.D Time Analyzed: 15:01

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	3078	17.014	2423	21.217	3360	23.42
UPPER LIMIT	6156	17.514	4846	21.717	6720	23.92
LOWER LIMIT	1539	16.514	1211.5	20.717	1680	22.92
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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4079 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BM045394.D Time Analyzed: 17:06

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	2572	17.014	1936	21.219	2767	23.419
	UPPER LIMIT	5144	17.514	3872	21.719	5534	23.919
	LOWER LIMIT	1286	16.514	968	20.719	1383.5	22.919
	EPA SAMPLE NO.						
01	SBLK224	2455	16.99	1824	21.23	1771	23.41
02	SBLK234	2794	16.99	2070	21.23	1858	23.41
03	EOMF2	3006	16.98	2748	21.22	2637	23.41
04	EOMF3	3053	16.98	2409	21.22	2284	23.41
05	EOMF6	3003	16.98	2406	21.22	2360	23.41
06	EOMF7	3289	16.98	2392	21.23	2391	23.41
07	EOMF8	2926	16.98	2377	21.22	2432	23.41
08	SBLK226	2881	16.98	1952	21.23	1839	23.41
09	SLCS227	1966	17.02	1456	21.23	1932	23.42
10	EOMF9	2703	16.98	2181	21.22	2291	23.40
11	EOMG0	2770	16.98	2233	21.21	2471	23.40
12	EOMG2	2912	16.98	2393	21.22	2403	23.40
13	YCSX6	2900	16.98	2244	21.22	2387	23.40
14	YCSY3	3057	16.98	2323	21.22	2454	23.40
15	EOMG4	3212	16.98	2337	21.22	2442	23.41
16	SLCS234	1918	17.02	1363	21.22	1818	23.43
17	SLCS224	1829	17.02	1374	21.22	1931	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4079 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045394.D Time Analyzed: 02:49

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	2572	17.014	1936	21.219	2767	23.419
UPPER LIMIT	5144	17.514	3872	21.719	5534	23.919
LOWER LIMIT	1286	16.514	968	20.719	1383.5	22.919
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.: BM041824 SAS No.: BM041824 SDG NO.: BM041824

EPA Sample No.: SSTD0.4080 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045412.D Time Analyzed: 04:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1946	17.023	1380	21.221	1889	23.419
UPPER LIMIT	3892	17.523	2760	21.721	3778	23.919
LOWER LIMIT	973	16.523	690	20.721	944.5	22.919
EPA SAMPLE NO.						
01 SBLK237	2400	16.98	1601	21.23	1460	23.41
02 E0MG5	2548	16.98	1976	21.22	2042	23.40
03 E0MG6	2621	16.98	1978	21.22	1854	23.40
04 YCSW8	2726	16.98	1864	21.22	1889	23.41
05 C0AK6	4441 *	16.98	3679 *	21.19	3835 *	23.38
06 SLCS237	2584	17.01	1948	21.21	2701	23.41

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.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160224BS	1,4-Dioxane	2	2.5	ug/L	125				0	0	
	Naphthalene	0.4	0.4	ug/L	100				0	0	
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	Acenaphthylene	0.4	0.39	ug/L	98				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	0.7	ug/L	88				0	0	
	Phenanthrene	0.4	0.41	ug/L	103				0	0	
	Anthracene	0.4	0.41	ug/L	103				0	0	
	Fluoranthene	0.4	0.49	ug/L	123				0	0	
	Pyrene	0.4	0.49	ug/L	123				0	0	
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0	
	Chrysene	0.4	0.49	ug/L	123				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				0	0	
	Dibenzo(a,h)anthracene	0.4	0.42	ug/L	105				0	0	
	Benzo(g,h,i)perylene	0.4	0.48	ug/L	120				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160227BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.64	ug/L	80				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.46	ug/L	115				0	0	
	Pyrene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0	
	Chrysene	0.4	0.45	ug/L	113				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0	
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				0	0	
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160234BS	1,4-Dioxane	2	2.8	ug/L	140				0	0		
	Naphthalene	0.4	0.43	ug/L	108				0	0		
	1-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	2-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	Acenaphthylene	0.4	0.44	ug/L	110				0	0		
	Acenaphthene	0.4	0.45	ug/L	113				0	0		
	Fluorene	0.4	0.42	ug/L	105				0	0		
	Pentachlorophenol	0.8	0.68	ug/L	85				0	0		
	Phenanthrene	0.4	0.43	ug/L	108				0	0		
	Anthracene	0.4	0.41	ug/L	103				0	0		
	Fluoranthene	0.4	0.54	ug/L	135				0	0		
	Pyrene	0.4	0.54	ug/L	135				0	0		
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0		
	Chrysene	0.4	0.53	ug/L	133				0	0		
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(k)fluoranthene	0.4	0.52	ug/L	130				0	0		
	Benzo(a)pyrene	0.4	0.48	ug/L	120				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.49	ug/L	123				0	0		
	Dibenzo(a,h)anthracene	0.4	0.48	ug/L	120				0	0		
	Benzo(g,h,i)perylene	0.4	0.53	ug/L	133				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160237BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.36	ug/L	90				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.37	ug/L	93				0	0	
	Fluorene	0.4	0.35	ug/L	88				0	0	
	Pentachlorophenol	0.8	0.74	ug/L	93				0	0	
	Phenanthrene	0.4	0.35	ug/L	88				0	0	
	Anthracene	0.4	0.38	ug/L	95				0	0	
	Fluoranthene	0.4	0.43	ug/L	108				0	0	
	Pyrene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160239BS	1,4-Dioxane	2	2.2	ug/L	110				0	0	
	Naphthalene	0.4	0.38	ug/L	95				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	Acenaphthylene	0.4	0.39	ug/L	98				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.72	ug/L	90				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.37	ug/L	93				0	0	
	Fluoranthene	0.4	0.45	ug/L	113				0	0	
	Pyrene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.45	ug/L	113				0	0	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				0	0	
	Dibenzo(a,h)anthracene	0.4	0.43	ug/L	108				0	0	
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160255BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.33	ug/L	83				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.38	ug/L	95				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.78	ug/L	98				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.33	ug/L	83				0	0	
	Fluoranthene	0.4	0.47	ug/L	117				0	0	
	Pyrene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)anthracene	0.4	0.41	ug/L	103				0	0	
	Chrysene	0.4	0.46	ug/L	115				0	0	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(k)fluoranthene	0.4	0.48	ug/L	120				0	0	
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.49	ug/L	123				0	0	
	Dibenzo(a,h)anthracene	0.4	0.48	ug/L	120				0	0	
	Benzo(g,h,i)perylene	0.4	0.5	ug/L	125				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160278BS	1,4-Dioxane	2	1.8	ug/L	90				0	0	
	Naphthalene	0.4	0.32	ug/L	80				0	0	
	1-Methylnaphthalene	0.4	0.3	ug/L	75				0	0	
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0	
	Acenaphthylene	0.4	0.32	ug/L	80				0	0	
	Acenaphthene	0.4	0.34	ug/L	85				0	0	
	Fluorene	0.4	0.33	ug/L	83				0	0	
	Pentachlorophenol	0.8	0.62	ug/L	78				0	0	
	Phenanthrene	0.4	0.32	ug/L	80				0	0	
	Anthracene	0.4	0.33	ug/L	83				0	0	
	Fluoranthene	0.4	0.37	ug/L	93				0	0	
	Pyrene	0.4	0.37	ug/L	93				0	0	
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0	
	Chrysene	0.4	0.36	ug/L	90				0	0	
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				0	0	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				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	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160280BS	1,4-Dioxane	2	2.5	ug/L	125				0	0	
	Naphthalene	0.4	0.43	ug/L	108				0	0	
	1-Methylnaphthalene	0.4	0.42	ug/L	105				0	0	
	2-Methylnaphthalene	0.4	0.42	ug/L	105				0	0	
	Acenaphthylene	0.4	0.43	ug/L	108				0	0	
	Acenaphthene	0.4	0.44	ug/L	110				0	0	
	Fluorene	0.4	0.43	ug/L	108				0	0	
	Pentachlorophenol	0.8	0.79	ug/L	99				0	0	
	Phenanthrene	0.4	0.45	ug/L	113				0	0	
	Anthracene	0.4	0.44	ug/L	110				0	0	
	Fluoranthene	0.4	0.51	ug/L	128				0	0	
	Pyrene	0.4	0.51	ug/L	128				0	0	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0	
	Chrysene	0.4	0.5	ug/L	125				0	0	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0	
	Dibenzo(a,h)anthracene	0.4	0.46	ug/L	115				0	0	
	Benzo(g,h,i)perylene	0.4	0.5	ug/L	125				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6476

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045389.D

Lab Sample ID: SP6476

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 12:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6476	SP6476	BM045389.D	04/19/2024
SP6477	SP6477	BM045390.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK224

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045395.D

Lab Sample ID: PB160224BL

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 17:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160224BS	PB160224BS	BM045411.D	04/20/2024
E0MF2	P2032-06	BM045397.D	04/19/2024
E0MF3	P2032-07	BM045398.D	04/19/2024
E0MF6	P2032-10	BM045399.D	04/19/2024
E0MF7	P2032-11	BM045400.D	04/19/2024
E0MF8	P2032-12	BM045401.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK226

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045402.D

Lab Sample ID: PB160226BL

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 21:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0MF9	P2032-13	BM045404.D	04/19/2024
E0MG0	P2032-14	BM045405.D	04/19/2024
E0MG2	P2032-16	BM045406.D	04/19/2024
YCSX6	P2036-09	BM045407.D	04/20/2024
YCSY3	P2036-10	BM045408.D	04/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS227

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045403.D

Lab Sample ID: PB160227BS

Instrument ID: BNA_M

Date Extracted: 04/13/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 21:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160227BS	PB160227BS	BM045403.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK234

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045396.D

Lab Sample ID: PB160234BL

Instrument ID: BNA_M

Date Extracted: 04/13/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 17:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160234BS	PB160234BS	BM045410.D	04/20/2024
E0MG3	P2032-17	BM045391.D	04/19/2024
E0MG3MS	P2032-18MS	BM045392.D	04/19/2024
E0MG3MSD	P2032-19MSD	BM045393.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK237

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045413.D

Lab Sample ID: PB160237BL

Instrument ID: BNA_M

Date Extracted: 04/14/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 04:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0MG5	P2032-21	BM045414.D	04/20/2024
E0MG6	P2032-22	BM045415.D	04/20/2024
YCSW8	P2036-11	BM045416.D	04/20/2024
C0AK6	P2079-01	BM045417.D	04/20/2024
PB160237BS	PB160237BS	BM045418.D	04/20/2024
E0MG4	P2032-20	BM045409.D	04/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK239

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045385.D

Lab Sample ID: PB160239BL

Instrument ID: BNA_M

Date Extracted: 04/14/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 10:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160239BS	PB160239BS	BM045386.D	04/19/2024
YCSY4	P2036-12	BM045382.D	04/19/2024
YCSY4MS	P2036-13MS	BM045383.D	04/19/2024
YCSY4MSD	P2036-14MSD	BM045384.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK255

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045362.D

Lab Sample ID: PB160255BL

Instrument ID: BNA_M

Date Extracted: 04/15/2024

Matrix: (soil/water) Water

Date Analyzed: 04/18/2024

Level: (low/med) LOW

Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160255BS	PB160255BS	BM045376.D	04/19/2024
C0AN8	P2100-01	BM045364.D	04/18/2024
C0AN9	P2100-02	BM045365.D	04/18/2024
C0AP0	P2100-03	BM045366.D	04/18/2024
C0AP2	P2100-04	BM045367.D	04/18/2024
C0AP4	P2100-05	BM045368.D	04/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK278

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045378.D

Lab Sample ID: PB160278BL

Instrument ID: BNA_M

Date Extracted: 04/15/2024

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 05:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YC556	P2053-01	BM045379.D	04/19/2024
YC557	P2053-02	BM045380.D	04/19/2024
YC558	P2053-03	BM045381.D	04/19/2024
YCSY7	P2036-15	BM045374.D	04/19/2024
YCSY8	P2036-16	BM045375.D	04/19/2024
PB160278BS	PB160278BS	BM045388.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK280

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041824

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045363.D

Lab Sample ID: PB160280BL

Instrument ID: BNA_M

Date Extracted: 04/15/2024

Matrix: (soil/water) Water

Date Analyzed: 04/18/2024

Level: (low/med) LOW

Time Analyzed: 20:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AF6	P2077-01	BM045369.D	04/18/2024
C0AF7	P2077-02	BM045370.D	04/19/2024
C0AF8	P2077-03	BM045371.D	04/19/2024
C0AK5	P2077-04	BM045372.D	04/19/2024
C0AF9	P2077-05	BM045373.D	04/19/2024
PB160280BS	PB160280BS	BM045387.D	04/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2032-18MS	Client Sample ID:	E0MG3MS					DataFile:	BM045392.D		
1,4-Dioxane	2		0.81	ug/L	41				15	120	
Naphthalene	0.4		0.33	ug/L	83				0	0	
1-Methylnaphthalene	0.4		0.32	ug/L	80				0	0	
2-Methylnaphthalene	0.4		0.33	ug/L	83				0	0	
Acenaphthylene	0.4		0.34	ug/L	85				0	0	
Acenaphthene	0.4		0.36	ug/L	90				46	118	
Fluorene	0.4		0.36	ug/L	90				0	0	
Pentachlorophenol	0.8		0.88	ug/L	110	*			9	103	
Phenanthrene	0.4		0.4	ug/L	100				0	0	
Anthracene	0.4		0.38	ug/L	95				0	0	
Fluoranthene	0.4		0.41	ug/L	103				0	0	
Pyrene	0.4		0.41	ug/L	103				26	127	
Benzo(a)anthracene	0.4		0.39	ug/L	98				0	0	
Chrysene	0.4		0.4	ug/L	100				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		0.37	ug/L	93				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.39	ug/L	98				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	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2032-19MSD	Client Sample ID:	E0MG3MSD					DataFile:	BM045393.D		
1,4-Dioxane	2		0.76	ug/L	38		8		15	120	50
Naphthalene	0.4		0.33	ug/L	83		0		0	0	0
1-Methylnaphthalene	0.4		0.33	ug/L	83		4	*	0	0	0
2-Methylnaphthalene	0.4		0.35	ug/L	88		6	*	0	0	0
Acenaphthylene	0.4		0.36	ug/L	90		6	*	0	0	0
Acenaphthene	0.4		0.37	ug/L	93		3		46	118	31
Fluorene	0.4		0.37	ug/L	93		3	*	0	0	0
Pentachlorophenol	0.8		0.91	ug/L	114	*	4		9	103	50
Phenanthrene	0.4		0.41	ug/L	103		3	*	0	0	0
Anthracene	0.4		0.39	ug/L	98		3	*	0	0	0
Fluoranthene	0.4		0.44	ug/L	110		7	*	0	0	0
Pyrene	0.4		0.44	ug/L	110		7		26	127	31
Benzo(a)anthracene	0.4		0.43	ug/L	108		10	*	0	0	0
Chrysene	0.4		0.42	ug/L	105		5	*	0	0	0
Benzo(b)fluoranthene	0.4		0.4	ug/L	100		7	*	0	0	0
Benzo(k)fluoranthene	0.4		0.41	ug/L	103		10	*	0	0	0
Benzo(a)pyrene	0.4		0.41	ug/L	103		10	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.43	ug/L	108		10	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.42	ug/L	105		7	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.43	ug/L	108		10	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2036-13MS	Client Sample ID:	YCSY4MS					DataFile:	BM045383.D		
1,4-Dioxane	2		7.6	ug/L	380	*			15	120	
Naphthalene	0.4		0.39	ug/L	98				0	0	
1-Methylnaphthalene	0.4		0.38	ug/L	95				0	0	
2-Methylnaphthalene	0.4		0.4	ug/L	100				0	0	
Acenaphthylene	0.4		0.38	ug/L	95				0	0	
Acenaphthene	0.4		0.41	ug/L	103				46	118	
Fluorene	0.4		0.41	ug/L	103				0	0	
Pentachlorophenol	0.8		0.91	ug/L	114	*			9	103	
Phenanthrene	0.4		0.47	ug/L	117				0	0	
Anthracene	0.4		0.24	ug/L	60				0	0	
Fluoranthene	0.4		0.55	ug/L	138				0	0	
Pyrene	0.4		0.54	ug/L	135	*			26	127	
Benzo(a)anthracene	0.4		0.43	ug/L	108				0	0	
Chrysene	0.4		0.5	ug/L	125				0	0	
Benzo(b)fluoranthene	0.4		0.5	ug/L	125				0	0	
Benzo(k)fluoranthene	0.4		0.52	ug/L	130				0	0	
Benzo(a)pyrene	0.4		0.22	ug/L	55				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.56	ug/L	140				0	0	
Dibenzo(a,h)anthracene	0.4		0.56	ug/L	140				0	0	
Benzo(g,h,i)perylene	0.4		0.56	ug/L	140				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2036-14MSD	Client Sample ID:	YCSY4MSD					DataFile:	BM045384.D		
1,4-Dioxane	2		11	ug/L	550	*	37		15	120	50
Naphthalene	0.4		0.42	ug/L	105		7	*	0	0	0
1-Methylnaphthalene	0.4		0.39	ug/L	98		3	*	0	0	0
2-Methylnaphthalene	0.4		0.42	ug/L	105		5	*	0	0	0
Acenaphthylene	0.4		0.35	ug/L	88		8	*	0	0	0
Acenaphthene	0.4		0.44	ug/L	110		7		46	118	31
Fluorene	0.4		0.47	ug/L	117		13	*	0	0	0
Pentachlorophenol	0.81		0.94	ug/L	116	*	2		9	103	50
Phenanthrene	0.4		0.52	ug/L	130		11	*	0	0	0
Anthracene	0.4		0.04	ug/L	10		143	*	0	0	0
Fluoranthene	0.4		0.55	ug/L	138		0		0	0	0
Pyrene	0.4		0.54	ug/L	135	*	0		26	127	31
Benzo(a)anthracene	0.4		0.31	ug/L	78		32	*	0	0	0
Chrysene	0.4		0.53	ug/L	133		6	*	0	0	0
Benzo(b)fluoranthene	0.4		0.99	ug/L	247		66	*	0	0	0
Benzo(k)fluoranthene	0.4		1	ug/L	250		63	*	0	0	0
Benzo(a)pyrene	0.4			ug/L	0		200	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		1	ug/L	250		56	*	0	0	0
Dibenzo(a,h)anthracene	0.4		1	ug/L	250		56	*	0	0	0
Benzo(g,h,i)perylene	0.4		1	ug/L	250		56	*	0	0	0



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
SP6476	SP6476	BM045389.D	1,4-Dioxane-d8	8	14,415.00	180188	*	15	120
			Fluoranthene-d10	0.4	983.00	245750	*	30	130
			2-Methylnaphthalene-d10	0.4	803.00	200750	*	30	130
SP6477	SP6477	BM045390.D	1,4-Dioxane-d8	8	2,516.00	31450	*	15	120
			Fluoranthene-d10	0.4	1,054.00	263500	*	30	130
			2-Methylnaphthalene-d10	0.4	855.00	213750	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2032-06	E0MF2	BM045397.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2032-07	E0MF3	BM045398.D	1,4-Dioxane-d8	8	3.56	45		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
P2032-10	E0MF6	BM045399.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2032-11	E0MF7	BM045400.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Fluoranthene-d10	0.4	0.45	111		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P2032-12	E0MF8	BM045401.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
PB160224BL	PB160224BL	BM045395.D	1,4-Dioxane-d8	8	5.32	67		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160224BS	PB160224BS	BM045411.D	1,4-Dioxane-d8	0.8	0.88	110		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2032-13	E0MF9	BM045404.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
P2032-14	E0MG0	BM045405.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
P2032-16	E0MG2	BM045406.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P2036-09	YCSX6	BM045407.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2036-10	YCSY3	BM045408.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
PB160226BL	PB160226BL	BM045402.D	1,4-Dioxane-d8	8	5.08	64		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130



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

Surrogate Summary

SW-846

SDG No.: BM041824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160227BS	PB160227BS	BM045403.D	1,4-Dioxane-d8	0.8	0.94	118		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2032-17	E0MG3	BM045391.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2032-18MS	E0MG3MS	BM045392.D	1,4-Dioxane-d8	0.8	0.30	38		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P2032-19MSD	E0MG3MSD	BM045393.D	1,4-Dioxane-d8	0.8	0.29	36		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB160234BL	PB160234BL	BM045396.D	1,4-Dioxane-d8	8	5.32	67		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB160234BS	PB160234BS	BM045410.D	1,4-Dioxane-d8	0.8	0.98	123	*	15	120
			Fluoranthene-d10	0.4	0.50	126		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2032-20	E0MG4	BM045409.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P2032-21	E0MG5	BM045414.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P2032-22	E0MG6	BM045415.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Fluoranthene-d10	0.4	0.58	144	*	30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
P2036-11	YCSW8	BM045416.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P2079-01	C0AK6	BM045417.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB160237BL	PB160237BL	BM045413.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB160237BS	PB160237BS	BM045418.D	1,4-Dioxane-d8	0.8	0.84	104		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130



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

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2036-12	YCSY4	BM045382.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P2036-13MS	YCSY4MS	BM045383.D	1,4-Dioxane-d8	0.8	0.29	36		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P2036-14MSD	YCSY4MSD	BM045384.D	1,4-Dioxane-d8	0.8	0.25	32		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB160239BL	PB160239BL	BM045385.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
PB160239BS	PB160239BS	BM045386.D	1,4-Dioxane-d8	0.8	0.84	104		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2100-01	C0AN8	BM045364.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
P2100-02	C0AN9	BM045365.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P2100-03	C0AP0	BM045366.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P2100-04	C0AP2	BM045367.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P2100-05	C0AP4	BM045368.D	1,4-Dioxane-d8	8	3.10	39		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
PB160255BL	PB160255BL	BM045362.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
PB160255BS	PB160255BS	BM045376.D	1,4-Dioxane-d8	0.8	0.77	96		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2036-15	YCSY7	BM045374.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2036-16	YCSY8	BM045375.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P2053-01	YCSS6	BM045379.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2053-02	YCSS7	BM045380.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P2053-03	YCSS8	BM045381.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB160278BL	PB160278BL	BM045378.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160278BS	PB160278BS	BM045388.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130

Surrogate Summary

SW-846

SDG No.: **BM041824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2077-01	C0AF6	BM045369.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		30	130
P2077-02	C0AF7	BM045370.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P2077-03	C0AF8	BM045371.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
P2077-04	C0AK5	BM045372.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
P2077-05	C0AF9	BM045373.D	1,4-Dioxane-d8	8	3.00	37		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160280BL	PB160280BL	BM045363.D	1,4-Dioxane-d8	8	5.85	73		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB160280BS	PB160280BS	BM045387.D	1,4-Dioxane-d8	0.8	0.88	110		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041824

Lab Code: CHEM

SAS No.: BM041824

SDG NO.: BM041824

Lab File ID: BM045360.D

DFTPP Injection Date: 04/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	59.5
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	58.4
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	64.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	14.6 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4077	SSTDCCC0.4	BM045361.D	04/18/2024	18:31
SBLK255	PB160255BL	BM045362.D	04/18/2024	19:44
SBLK280	PB160280BL	BM045363.D	04/18/2024	20:20
C0AN8	P2100-01	BM045364.D	04/18/2024	20:56
C0AN9	P2100-02	BM045365.D	04/18/2024	21:33
C0AP0	P2100-03	BM045366.D	04/18/2024	22:09
C0AP2	P2100-04	BM045367.D	04/18/2024	22:45
C0AP4	P2100-05	BM045368.D	04/18/2024	23:21
C0AF6	P2077-01	BM045369.D	04/18/2024	23:58
C0AF7	P2077-02	BM045370.D	04/19/2024	00:34
C0AF8	P2077-03	BM045371.D	04/19/2024	01:10
C0AK5	P2077-04	BM045372.D	04/19/2024	01:46
C0AF9	P2077-05	BM045373.D	04/19/2024	02:22
YCSY7	P2036-15	BM045374.D	04/19/2024	02:58
YCSY8	P2036-16	BM045375.D	04/19/2024	03:34
SLCS255	PB160255BS	BM045376.D	04/19/2024	04:10
SSTD0.4078	SSTDCCC0.4	BM045377.D	04/19/2024	05:22
SBLK278	PB160278BL	BM045378.D	04/19/2024	05:58

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041824

Lab Code: CHEM

SAS No.: BM041824 SDG NO.: BM041824

Lab File ID: BM045360.D

DFTPP Injection Date: 04/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	59.5
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	58.4
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	64.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	14.6 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YC556	P2053-01	BM045379.D	04/19/2024	06:34
YC557	P2053-02	BM045380.D	04/19/2024	07:10
YC558	P2053-03	BM045381.D	04/19/2024	07:46
YCSY4	P2036-12	BM045382.D	04/19/2024	08:22
YCSY4MS	P2036-13MS	BM045383.D	04/19/2024	08:57
YCSY4MSD	P2036-14MSD	BM045384.D	04/19/2024	09:34
SBLK239	PB160239BL	BM045385.D	04/19/2024	10:10
SLCS239	PB160239BS	BM045386.D	04/19/2024	10:46
SLCS280	PB160280BS	BM045387.D	04/19/2024	11:22
SLCS278	PB160278BS	BM045388.D	04/19/2024	11:59
SP6476	SP6476	BM045389.D	04/19/2024	12:35
SP6477	SP6477	BM045390.D	04/19/2024	13:11
E0MG3	P2032-17	BM045391.D	04/19/2024	13:48
E0MG3MS	P2032-18MS	BM045392.D	04/19/2024	14:25
E0MG3MSD	P2032-19MSD	BM045393.D	04/19/2024	15:01
SSTD0.4079	SSTDCCC0.4	BM045394.D	04/19/2024	15:38
SBLK224	PB160224BL	BM045395.D	04/19/2024	17:06
SBLK234	PB160234BL	BM045396.D	04/19/2024	17:42

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041824

Lab Code: CHEM

SAS No.: BM041824

SDG NO.: BM041824

Lab File ID: BM045360.D

DFTPP Injection Date: 04/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	59.5
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	58.4
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	64.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	14.6 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E0MF2	P2032-06	BM045397.D	04/19/2024	18:19
E0MF3	P2032-07	BM045398.D	04/19/2024	18:56
E0MF6	P2032-10	BM045399.D	04/19/2024	19:32
E0MF7	P2032-11	BM045400.D	04/19/2024	20:09
E0MF8	P2032-12	BM045401.D	04/19/2024	20:45
SBLK226	PB160226BL	BM045402.D	04/19/2024	21:22
SLCS227	PB160227BS	BM045403.D	04/19/2024	21:58
E0MF9	P2032-13	BM045404.D	04/19/2024	22:35
E0MG0	P2032-14	BM045405.D	04/19/2024	23:11
E0MG2	P2032-16	BM045406.D	04/19/2024	23:48
YCSX6	P2036-09	BM045407.D	04/20/2024	00:24
YCSY3	P2036-10	BM045408.D	04/20/2024	01:00
E0MG4	P2032-20	BM045409.D	04/20/2024	01:37
SLCS234	PB160234BS	BM045410.D	04/20/2024	02:13
SLCS224	PB160224BS	BM045411.D	04/20/2024	02:49
SSTD0.4080	SSTDCCC0.4	BM045412.D	04/20/2024	03:25
SBLK237	PB160237BL	BM045413.D	04/20/2024	04:38
E0MG5	P2032-21	BM045414.D	04/20/2024	05:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041824

Lab Code: CHEM

SAS No.: BM041824

SDG NO.: BM041824

Lab File ID: BM045360.D

DFTPP Injection Date: 04/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	59.5
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	58.4
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	64.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.5
443	15.0 - 24.0% of mass 442	14.6 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E0MG6	P2032-22	BM045415.D	04/20/2024	05:50
YCSW8	P2036-11	BM045416.D	04/20/2024	06:27
C0AK6	P2079-01	BM045417.D	04/20/2024	07:03
SLCS237	PB160237BS	BM045418.D	04/20/2024	07:39
SSTD0.4081	SSTDCCC0.4EC	BM045419.D	04/20/2024	08:52