

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG No.: BM041324

Instrument ID: BNA_M Calibration Date/Time: 4/13/2024 1:15:16

Lab File ID: BM045205.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4073 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	0.506	0.010	0.5073	40.0
1,4-Dioxane-d8	0.525	0.542	0.010	3.2208	40.0
Naphthalene	1.061	1.159	0.600	9.1926	30.0
1-Methylnaphthalene	0.692	0.693	0.300	0.1318	30.0
2-Methylnaphthalene	0.634	0.671	0.300	5.9064	30.0
Acenaphthylene	1.996	2.018	0.900	1.112	30.0
Acenaphthene	1.429	1.467	0.500	2.7052	30.0
Fluorene	1.601	1.640	0.700	2.3932	30.0
Pentachlorophenol	0.094	0.122	0.010	30.1596	50.0
Phenanthrene	1.126	1.138	0.300	1.0137	30.0
Anthracene	1.109	1.131	0.400	1.9364	30.0
Fluoranthene	1.429	1.562	0.400	9.3044	30.0
Pyrene	1.509	1.650	0.500	9.2972	30.0
Benzo (a) anthracene	1.392	1.451	0.400	4.2266	30.0
Chrysene	1.738	1.738	0.400	0.0073	30.0
Benzo (b) fluoranthene	1.445	1.333	0.200	-7.736	30.0
Benzo (k) fluoranthene	1.618	1.597	0.200	-1.2964	30.0
Benzo (a) pyrene	1.379	1.372	0.200	-0.5598	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.792	0.200	-5.223	30.0
Dibenzo (a,h) anthracene	1.497	1.436	0.200	-4.0593	30.0
Benzo (g,h,i) perylene	1.630	1.559	0.200	-4.3624	30.0
Fluoranthene-d10	1.011	1.110	0.400	9.8316	30.0
2-Methylnaphthalene-d10	0.542	0.547	0.300	0.8203	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.: BM041324 SAS No.: BM041324 SDG No.: BM041324

Instrument ID: BNA_M Calibration Date/Time: 4/14/2024 1:01:29

Lab File ID: BM045221.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4074 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	0.579	0.010	14.8654	40.0
1,4-Dioxane-d8	0.525	0.623	0.010	18.6085	40.0
Naphthalene	1.061	1.079	0.600	1.6519	30.0
1-Methylnaphthalene	0.692	0.676	0.300	-2.3626	30.0
2-Methylnaphthalene	0.634	0.634	0.300	0.1129	30.0
Acenaphthylene	1.996	1.995	0.900	-0.0596	30.0
Acenaphthene	1.429	1.472	0.500	3.0329	30.0
Fluorene	1.601	1.607	0.700	0.3734	30.0
Pentachlorophenol	0.094	0.081	0.010	-13.3367	50.0
Phenanthrene	1.126	1.107	0.300	-1.6738	30.0
Anthracene	1.109	1.109	0.400	-0.0017	30.0
Fluoranthene	1.429	1.678	0.400	17.4069	30.0
Pyrene	1.509	1.785	0.500	18.2638	30.0
Benzo (a) anthracene	1.392	1.324	0.400	-4.94	30.0
Chrysene	1.738	1.929	0.400	10.9719	30.0
Benzo (b) fluoranthene	1.445	1.387	0.200	-4.017	30.0
Benzo (k) fluoranthene	1.618	1.757	0.200	8.6083	30.0
Benzo (a) pyrene	1.379	1.399	0.200	1.3982	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.782	0.200	-5.7204	30.0
Dibenzo (a,h) anthracene	1.497	1.381	0.200	-7.7879	30.0
Benzo (g,h,i) perylene	1.630	1.601	0.200	-1.8151	30.0
Fluoranthene-d10	1.011	1.184	0.400	17.1274	30.0
2-Methylnaphthalene-d10	0.542	0.526	0.300	-3.0064	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.: BM041324 SAS No.: BM041324 SDG No.: BM041324
Instrument ID: BNA_M Calibration Date/Time: 4/14/2024 1:12:16
Lab File ID: BM045238.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4075 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	0.627	0.010	24.4116	40.0
1,4-Dioxane-d8	0.525	0.640	0.010	21.783	40.0
Naphthalene	1.061	1.057	0.600	-0.4259	30.0
1-Methylnaphthalene	0.692	0.664	0.300	-4.0775	30.0
2-Methylnaphthalene	0.634	0.606	0.300	-4.4533	30.0
Acenaphthylene	1.996	2.009	0.900	0.6731	30.0
Acenaphthene	1.429	1.477	0.500	3.3968	30.0
Fluorene	1.601	1.553	0.700	-3.0095	30.0
Pentachlorophenol	0.094	0.073	0.010	-22.5227	50.0
Phenanthrene	1.126	1.095	0.300	-2.7305	30.0
Anthracene	1.109	0.995	0.400	-10.2785	30.0
Fluoranthene	1.429	1.734	0.400	21.3357	30.0
Pyrene	1.509	1.844	0.500	22.1349	30.0
Benzo (a) anthracene	1.392	1.319	0.400	-5.289	30.0
Chrysene	1.738	1.966	0.400	13.1297	30.0
Benzo (b) fluoranthene	1.445	1.363	0.200	-5.6225	30.0
Benzo (k) fluoranthene	1.618	1.712	0.200	5.8404	30.0
Benzo (a) pyrene	1.379	1.446	0.200	4.8362	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.835	0.200	-2.9464	30.0
Dibenzo (a,h) anthracene	1.497	1.425	0.200	-4.8303	30.0
Benzo (g,h,i) perylene	1.630	1.686	0.200	3.4228	30.0
Fluoranthene-d10	1.011	1.211	0.400	19.8597	30.0
2-Methylnaphthalene-d10	0.542	0.508	0.300	-6.256	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.: BM041324 SAS No.: BM041324 SDG No.: BM041324

Instrument ID: BNA_M Calibration Date/Time: 4/14/2024 1:15:16

Lab File ID: BM045242.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4076 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	0.624	0.010	23.962	50.0
1,4-Dioxane-d8	0.525	0.662	0.010	26.0737	50.0
Naphthalene	1.061	1.026	0.600	-3.3704	50.0
1-Methylnaphthalene	0.692	0.674	0.300	-2.6356	50.0
2-Methylnaphthalene	0.634	0.579	0.300	-8.704	50.0
Acenaphthylene	1.996	2.012	0.900	0.8165	50.0
Acenaphthene	1.429	1.499	0.500	4.9344	50.0
Fluorene	1.601	1.576	0.700	-1.6025	50.0
Pentachlorophenol	0.094	0.074	0.010	-20.6726	50.0
Phenanthrene	1.126	1.099	0.300	-2.4151	50.0
Anthracene	1.109	1.105	0.400	-0.4097	50.0
Fluoranthene	1.429	1.692	0.400	18.3655	50.0
Pyrene	1.509	1.810	0.500	19.8949	50.0
Benzo (a) anthracene	1.392	1.276	0.400	-8.3886	50.0
Chrysene	1.738	1.959	0.400	12.6992	50.0
Benzo (b) fluoranthene	1.445	1.415	0.200	-2.0186	50.0
Benzo (k) fluoranthene	1.618	1.819	0.200	12.4076	50.0
Benzo (a) pyrene	1.379	1.422	0.200	3.077	50.0
Indeno (1,2,3-cd) pyrene	1.891	1.778	0.200	-5.95	50.0
Dibenzo (a,h) anthracene	1.497	1.375	0.200	-8.1364	50.0
Benzo (g,h,i) perylene	1.630	1.651	0.200	1.29	50.0
Fluoranthene-d10	1.011	1.188	0.400	17.5887	50.0
2-Methylnaphthalene-d10	0.542	0.500	0.300	-7.7455	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK163	SDG No.:	BM041324
Lab Sample ID:	PB160163BL	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
BM045206.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	4.877		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1561		7.606			
1146-65-2	Naphthalene-d8	4741		10.375			
15067-26-2	Acenaphthene-d10	2702		14.251			

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:	SBLK163	SDG No.:	BM041324
Lab Sample ID:	PB160163BL	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
BM045206.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5804	17.014				
1719-03-5	Chrysene-d12	4807	21.246				
1520-96-3	Perylene-d12	4400	23.444				
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:	SBLK169	SDG No.:	BM041324
Lab Sample ID:	PB160169BL	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
BM045207.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

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	5.697		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1417		7.606			
1146-65-2	Naphthalene-d8	4247		10.375			
15067-26-2	Acenaphthene-d10	2297		14.251			

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:	SBLK169	SDG No.:	BM041324
Lab Sample ID:	PB160169BL	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
BM045207.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4746	17.014				
1719-03-5	Chrysene-d12	4124	21.249				
1520-96-3	Perylene-d12	3694	23.444				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME1	SDG No.:	BM041324
Lab Sample ID:	P2014-16	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
BM045208.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	3.597		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1670		7.606			
1146-65-2	Naphthalene-d8	5130		10.375			
15067-26-2	Acenaphthene-d10	2769		14.251			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME1	SDG No.:	BM041324
Lab Sample ID:	P2014-16	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
BM045208.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6004	17.014				
1719-03-5	Chrysene-d12	5178	21.243				
1520-96-3	Perylene-d12	5278	23.444				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME2	SDG No.:	BM041324
Lab Sample ID:	P2014-17	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
BM045209.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	3.61		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1640		7.606			
1146-65-2	Naphthalene-d8	4880		10.375			
15067-26-2	Acenaphthene-d10	2637		14.251			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME2	SDG No.:	BM041324
Lab Sample ID:	P2014-17	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
BM045209.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5474	17.014				
1719-03-5	Chrysene-d12	4812	21.243				
1520-96-3	Perylene-d12	4722	23.444				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME3	SDG No.:	BM041324
Lab Sample ID:	P2014-18	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
BM045210.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	3.469		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	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	1454		7.606			
1146-65-2	Naphthalene-d8	4484		10.375			
15067-26-2	Acenaphthene-d10	2433		14.251			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME3	SDG No.:	BM041324
Lab Sample ID:	P2014-18	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
BM045210.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5357	17.014				
1719-03-5	Chrysene-d12	4975	21.237				
1520-96-3	Perylene-d12	5037	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME4	SDG No.:	BM041324
Lab Sample ID:	P2014-19	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
BM045211.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	3.608		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.339		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1603		7.606			
1146-65-2	Naphthalene-d8	4928		10.374			
15067-26-2	Acenaphthene-d10	2683		14.251			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME4	SDG No.:	BM041324
Lab Sample ID:	P2014-19	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
BM045211.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5730	17.013				
1719-03-5	Chrysene-d12	5007	21.243				
1520-96-3	Perylene-d12	4932	23.44				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5	SDG No.:	BM041324
Lab Sample ID:	P2014-20	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
BM045212.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

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	3.977		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.404		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1426		7.606			
1146-65-2	Naphthalene-d8	4306		10.374			
15067-26-2	Acenaphthene-d10	2267		14.251			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5	SDG No.:	BM041324
Lab Sample ID:	P2014-20	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
BM045212.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4731	17.013				
1719-03-5	Chrysene-d12	4041	21.246				
1520-96-3	Perylene-d12	3720	23.44				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5MS	SDG No.:	BM041324
Lab Sample ID:	P2014-21MS	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
BM045213.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.68		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	0.33		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	0.35		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	1		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	0.4		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	0.4		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		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	0.43		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	0.39		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	0.203		15-120		25	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1256	7.627				
1146-65-2	Naphthalene-d8	3625	10.408				
15067-26-2	Acenaphthene-d10	1800	14.265				

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5MS	SDG No.:	BM041324
Lab Sample ID:	P2014-21MS	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
BM045213.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3893	17.03				
1719-03-5	Chrysene-d12	3698	21.242				
1520-96-3	Perylene-d12	4603	23.461				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5MSD	SDG No.:	BM041324
Lab Sample ID:	P2014-22MSD	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
BM045214.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.78		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.44		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	0.43		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	0.46		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.51		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.5		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	0.55		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.5		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	0.49		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.54		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.52		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	0.49		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	0.262		15-120		33	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.545	*	30-130		136	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.418		30-130		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1120		7.622			
1146-65-2	Naphthalene-d8	3245		10.407			
15067-26-2	Acenaphthene-d10	1666		14.266			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME5MSD	SDG No.:	BM041324
Lab Sample ID:	P2014-22MSD	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
BM045214.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3712	17.031				
1719-03-5	Chrysene-d12	3500	21.242				
1520-96-3	Perylene-d12	4277	23.46				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME6	SDG No.:	BM041324
Lab Sample ID:	P2014-23	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
BM045215.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

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	3.253		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.415		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1454		7.606			
1146-65-2	Naphthalene-d8	4184		10.374			
15067-26-2	Acenaphthene-d10	2095		14.251			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME6	SDG No.:	BM041324
Lab Sample ID:	P2014-23	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
BM045215.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4474	17.013				
1719-03-5	Chrysene-d12	3691	21.249				
1520-96-3	Perylene-d12	3194	23.44				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD6	SDG No.:	BM041324
Lab Sample ID:	P2014-10	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
BM045216.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

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	3.008		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1607		7.606			
1146-65-2	Naphthalene-d8	4670		10.375			
15067-26-2	Acenaphthene-d10	2451		14.251			

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD6	SDG No.:	BM041324
Lab Sample ID:	P2014-10	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
BM045216.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5437	17.014				
1719-03-5	Chrysene-d12	4661	21.246				
1520-96-3	Perylene-d12	4543	23.441				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD7	SDG No.:	BM041324
Lab Sample ID:	P2014-11	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
BM045217.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

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	3.174		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1478		7.606			
1146-65-2	Naphthalene-d8	4260		10.375			
15067-26-2	Acenaphthene-d10	2229		14.251			

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD7	SDG No.:	BM041324
Lab Sample ID:	P2014-11	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
BM045217.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5162	17.009				
1719-03-5	Chrysene-d12	4331	21.243				
1520-96-3	Perylene-d12	4081	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD8	SDG No.:	BM041324
Lab Sample ID:	P2014-12	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
BM045218.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

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	3.169		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.377		30-130		94	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	1604		7.606			
1146-65-2	Naphthalene-d8	4567		10.374			
15067-26-2	Acenaphthene-d10	2283		14.252			

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD8	SDG No.:	BM041324
Lab Sample ID:	P2014-12	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
BM045218.D	1	4/10/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4995	17.01				
1719-03-5	Chrysene-d12	4257	21.245				
1520-96-3	Perylene-d12	4142	23.44				
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:	SLCS169	SDG No.:	BM041324
Lab Sample ID:	PB160169BS	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
BM045219.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		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	0.37		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	0.35		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	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.69		15-120		86	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1274		7.631			
1146-65-2	Naphthalene-d8	3815		10.413			
15067-26-2	Acenaphthene-d10	1801		14.27			

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:	SLCS169	SDG No.:	BM041324
Lab Sample ID:	PB160169BS	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
BM045219.D	1	4/11/2024 12:00:00 AM	4/13/2024 12:00:00 AM	PB160169

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4120	17.043				
1719-03-5	Chrysene-d12	3471	21.246				
1520-96-3	Perylene-d12	4200	23.467				
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:	SLCS163	SDG No.:	BM041324
Lab Sample ID:	PB160163BS	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
BM045220.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160163

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	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		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	0.4		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.82		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	0.39		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	0.45		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	0.46		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	0.46		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	0.4		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	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.715		15-120		89	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	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	1094	7.635				
1146-65-2	Naphthalene-d8	3086	10.419				
15067-26-2	Acenaphthene-d10	1561	14.274				

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:	SLCS163	SDG No.:	BM041324
Lab Sample ID:	PB160163BS	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
BM045220.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3552	17.047				
1719-03-5	Chrysene-d12	3072	21.249				
1520-96-3	Perylene-d12	3707	23.467				
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:	SBLK161	SDG No.:	BM041324
Lab Sample ID:	PB160161BL	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
BM045222.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

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	5.686		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.404		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1254		7.606			
1146-65-2	Naphthalene-d8	3696		10.375			
15067-26-2	Acenaphthene-d10	1949		14.251			

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:	SBLK161	SDG No.:	BM041324
Lab Sample ID:	PB160161BL	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
BM045222.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4368	17.009				
1719-03-5	Chrysene-d12	3312	21.252				
1520-96-3	Perylene-d12	2408	23.435				
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:	SBLK207	SDG No.:	BM041324
Lab Sample ID:	PB160207BL	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
BM045223.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

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	6.703		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.455		30-130		114	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	1180	7.61				
1146-65-2	Naphthalene-d8	3497	10.369				
15067-26-2	Acenaphthene-d10	1825	14.251				

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:	SBLK207	SDG No.:	BM041324
Lab Sample ID:	PB160207BL	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
BM045223.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4047	17.009				
1719-03-5	Chrysene-d12	3088	21.255				
1520-96-3	Perylene-d12	2444	23.441				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD9	SDG No.:	BM041324
Lab Sample ID:	P2014-13	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
BM045224.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

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	3.78		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.464		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1366		7.606			
1146-65-2	Naphthalene-d8	3936		10.374			
15067-26-2	Acenaphthene-d10	2014		14.251			

Report of Analysis

Client:		Date Collected:	4/5/2024 12:00:00 AM
Project:		Date Received:	4/5/2024 12:00:00 AM
Client Sample ID:	E0MD9	SDG No.:	BM041324
Lab Sample ID:	P2014-13	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
BM045224.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4467	17.009				
1719-03-5	Chrysene-d12	3535	21.246				
1520-96-3	Perylene-d12	2985	23.435				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME0	SDG No.:	BM041324
Lab Sample ID:	P2014-15	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
BM045225.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

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	4.074		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1298		7.606			
1146-65-2	Naphthalene-d8	3921		10.369			
15067-26-2	Acenaphthene-d10	2438		14.251			

Report of Analysis

Client:		Date Collected:	4/6/2024 12:00:00 AM
Project:		Date Received:	4/6/2024 12:00:00 AM
Client Sample ID:	E0ME0	SDG No.:	BM041324
Lab Sample ID:	P2014-15	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
BM045225.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5123	17.009				
1719-03-5	Chrysene-d12	4037	21.24				
1520-96-3	Perylene-d12	3754	23.437				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME7	SDG No.:	BM041324
Lab Sample ID:	P2032-01	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
BM045226.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

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	3.413		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1311		7.606			
1146-65-2	Naphthalene-d8	3884		10.369			
15067-26-2	Acenaphthene-d10	1985		14.251			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME7	SDG No.:	BM041324
Lab Sample ID:	P2032-01	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
BM045226.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4513	17.009				
1719-03-5	Chrysene-d12	3541	21.246				
1520-96-3	Perylene-d12	3193	23.435				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME8	SDG No.:	BM041324
Lab Sample ID:	P2032-02	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
BM045227.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

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	3.793		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.507		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.386		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1281		7.606			
1146-65-2	Naphthalene-d8	3752		10.373			
15067-26-2	Acenaphthene-d10	2020		14.25			

Report of Analysis

Client:		Date Collected:	4/7/2024 12:00:00 AM
Project:		Date Received:	4/7/2024 12:00:00 AM
Client Sample ID:	E0ME8	SDG No.:	BM041324
Lab Sample ID:	P2032-02	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
BM045227.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4461	17.008				
1719-03-5	Chrysene-d12	3641	21.25				
1520-96-3	Perylene-d12	2956	23.436				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSW7	SDG No.:	BM041324
Lab Sample ID:	P2036-01	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
BM045228.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

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	3.335		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1217		7.606			
1146-65-2	Naphthalene-d8	3705		10.375			
15067-26-2	Acenaphthene-d10	1963		14.251			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSW7	SDG No.:	BM041324
Lab Sample ID:	P2036-01	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
BM045228.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4321	17.009				
1719-03-5	Chrysene-d12	3395	21.249				
1520-96-3	Perylene-d12	3033	23.435				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSW9	SDG No.:	BM041324
Lab Sample ID:	P2036-02	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
BM045229.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.44		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	3.813		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1277		7.606			
1146-65-2	Naphthalene-d8	3768		10.375			
15067-26-2	Acenaphthene-d10	1945		14.251			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSW9	SDG No.:	BM041324
Lab Sample ID:	P2036-02	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
BM045229.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4362	17.009				
1719-03-5	Chrysene-d12	3464	21.246				
1520-96-3	Perylene-d12	2911	23.432				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX0	SDG No.:	BM041324
Lab Sample ID:	P2036-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045230.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.43		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	3.587		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1318		7.606			
1146-65-2	Naphthalene-d8	3812		10.369			
15067-26-2	Acenaphthene-d10	1957		14.252			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX0	SDG No.:	BM041324
Lab Sample ID:	P2036-03	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
BM045230.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4250	17.01				
1719-03-5	Chrysene-d12	3376	21.245				
1520-96-3	Perylene-d12	3079	23.434				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX1	SDG No.:	BM041324
Lab Sample ID:	P2036-04	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
BM045231.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500	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	14.737	*	15-120		184	SPK: -8
93951-69-0	Fluoranthene-d10	0.397		30-130		99	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	1241		7.606			
1146-65-2	Naphthalene-d8	3685		10.375			
15067-26-2	Acenaphthene-d10	1967		14.247			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX1	SDG No.:	BM041324
Lab Sample ID:	P2036-04	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
BM045231.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4450	17.01				
1719-03-5	Chrysene-d12	3607	21.236				
1520-96-3	Perylene-d12	3523	23.434				
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:	SLCS205	SDG No.:	BM041324
Lab Sample ID:	PB160205BS	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
BM045232.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.44		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	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.81		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.5		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	0.4		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.48		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		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	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		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	0.903		15-120		113	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.384		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	891	7.652				
1146-65-2	Naphthalene-d8	2888	10.429				
15067-26-2	Acenaphthene-d10	1394	14.275				

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:	SLCS205	SDG No.:	BM041324
Lab Sample ID:	PB160205BS	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
BM045232.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3375	17.048				
1719-03-5	Chrysene-d12	2694	21.248				
1520-96-3	Perylene-d12	3218	23.466				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX3	SDG No.:	BM041324
Lab Sample ID:	P2036-06	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
BM045233.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.93		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	3.737		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1224		7.606			
1146-65-2	Naphthalene-d8	3644		10.375			
15067-26-2	Acenaphthene-d10	1942		14.252			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX3	SDG No.:	BM041324
Lab Sample ID:	P2036-06	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
BM045233.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4193	17.01				
1719-03-5	Chrysene-d12	3441	21.245				
1520-96-3	Perylene-d12	3285	23.434				
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:	YCSY1	SDG No.:	BM041324
Lab Sample ID:	P2036-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045234.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		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	3.721		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.374		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1255		7.606			
1146-65-2	Naphthalene-d8	3714		10.369			
15067-26-2	Acenaphthene-d10	1952		14.251			

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:	YCSY1	SDG No.:	BM041324
Lab Sample ID:	P2036-07	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
BM045234.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4300	17.009				
1719-03-5	Chrysene-d12	3510	21.243				
1520-96-3	Perylene-d12	3265	23.432				
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:	YCSY2	SDG No.:	BM041324
Lab Sample ID:	P2036-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045235.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97		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	4.236		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.524	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.417		30-130		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1243		7.606			
1146-65-2	Naphthalene-d8	3718		10.369			
15067-26-2	Acenaphthene-d10	1923		14.251			

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:	YCSY2	SDG No.:	BM041324
Lab Sample ID:	P2036-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045235.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4341	17.009				
1719-03-5	Chrysene-d12	3392	21.246				
1520-96-3	Perylene-d12	3320	23.432				
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:	SLCS161	SDG No.:	BM041324
Lab Sample ID:	PB160161BS	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
BM045236.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

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	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.69		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		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	0.47		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.47		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		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	0.4		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		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	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.815		15-120		102	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.441		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	911	7.652				
1146-65-2	Naphthalene-d8	2671	10.429				
15067-26-2	Acenaphthene-d10	1363	14.274				

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:	SLCS161	SDG No.:	BM041324
Lab Sample ID:	PB160161BS	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
BM045236.D	1	4/10/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3289	17.047				
1719-03-5	Chrysene-d12	2562	21.248				
1520-96-3	Perylene-d12	3059	23.467				
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:	SLCS207	SDG No.:	BM041324
Lab Sample ID:	PB160207BS	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
BM045237.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

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	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.77		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	0.39		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	0.47		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		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	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.848		15-120		106	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	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	954		7.652			
1146-65-2	Naphthalene-d8	2847		10.424			
15067-26-2	Acenaphthene-d10	1396		14.274			

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:	SLCS207	SDG No.:	BM041324
Lab Sample ID:	PB160207BS	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
BM045237.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3226	17.043				
1719-03-5	Chrysene-d12	2565	21.249				
1520-96-3	Perylene-d12	3083	23.461				
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:	SBLK205	SDG No.:	BM041324
Lab Sample ID:	PB160205BL	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
BM045239.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

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	6.178		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.323		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1155		7.606			
1146-65-2	Naphthalene-d8	3411		10.369			
15067-26-2	Acenaphthene-d10	1769		14.251			

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:	SBLK205	SDG No.:	BM041324
Lab Sample ID:	PB160205BL	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
BM045239.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3943	17.009				
1719-03-5	Chrysene-d12	2839	21.255				
1520-96-3	Perylene-d12	2292	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX2	SDG No.:	BM041324
Lab Sample ID:	P2036-05	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
BM045240.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

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	4.062		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.461		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1104		7.606			
1146-65-2	Naphthalene-d8	3195		10.374			
15067-26-2	Acenaphthene-d10	1689		14.251			

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	YCSX2	SDG No.:	BM041324
Lab Sample ID:	P2036-05	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
BM045240.D	1	4/12/2024 12:00:00 AM	4/14/2024 12:00:00 AM	PB160207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3612	17.009				
1719-03-5	Chrysene-d12	2720	21.251				
1520-96-3	Perylene-d12	2327	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6475			SDG No.:	BM041324		
Lab Sample ID:	SP6475			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
BM045241.D	1		4/14/2024 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	15038	*	15-120		187975	SPK: -8
93951-69-0	Fluoranthene-d10	989	*	30-130		247250	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	830	*	30-130		207500	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1172		7.601			
1146-65-2	Naphthalene-d8	3552		10.369			
15067-26-2	Acenaphthene-d10	1884		14.247			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6475			SDG No.:	BM041324		
Lab Sample ID:	SP6475			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
BM045241.D	1		4/14/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3982	17.01				
1719-03-5	Chrysene-d12	2912	21.253				
1520-96-3	Perylene-d12	1848	23.431				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L



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Hit Summary Sheet SW-846

SDG No.: BM041324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	E0MD6							
P2014-10	E0MD6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MD7							
P2014-11	E0MD7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MD8							
P2014-12	E0MD8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MD9							
P2014-13	E0MD9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME0							
P2014-15	E0ME0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME1							
P2014-16	E0ME1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME2							
P2014-17	E0ME2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME3							
P2014-18	E0ME3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME4							
P2014-19	E0ME4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BM041324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E0ME5							
P2014-20	E0ME5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME6							
P2014-23	E0ME6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME7							
P2032-01	E0ME7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0ME8							
P2032-02	E0ME8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSW7							
P2036-01	YCSW7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSW9							
P2036-02	YCSW9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-02	YCSW9	Water	1,4-Dioxane		0.440	0.029	0.2	ug/L
			Total Svoc :			0.44		
			Total Concentration:			0.44		
Client ID :	YCSX0							
P2036-03	YCSX0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2036-03	YCSX0	Water	1,4-Dioxane		0.430	0.03	0.2	ug/L
			Total Svoc :			0.43		
			Total Concentration:			0.43		
Client ID :	YCSX1							
P2036-04	YCSX1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-04	YCSX1	Water	1,4-Dioxane		500.000	E 0.029	0.2	ug/L
			Total Svoc :			500.00		

Hit Summary Sheet SW-846

SDG No.: BM041324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			500.00		
Client ID :	YCSX2							
P2036-05	YCSX2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	YCSX3							
P2036-06	YCSX3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2036-06	YCSX3	Water	1,4-Dioxane		0.930	0.03	0.2	ug/L
			Total Svoc :			0.93		
			Total Concentration:			0.93		
Client ID :	YCSY1							
P2036-07	YCSY1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2036-07	YCSY1	Water	1,4-Dioxane		1.500	0.03	0.2	ug/L
			Total Svoc :			1.50		
			Total Concentration:			1.50		
Client ID :	YCSY2							
P2036-08	YCSY2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2036-08	YCSY2	Water	1,4-Dioxane		0.970	0.029	0.2	ug/L
			Total Svoc :			0.97		
			Total Concentration:			0.97		
Client ID :	SP6475							
SP6475	SP6475	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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 13 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 15:52

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	SBLK163	1561	7.61	4741	10.38	2702	14.25
02	SBLK169	1417	7.61	4247	10.38	2297	14.25
03	E0ME1	1670	7.61	5130	10.38	2769	14.25
04	E0ME2	1640	7.61	4880	10.38	2637	14.25
05	E0ME3	1454	7.61	4484	10.38	2433	14.25
06	E0ME4	1603	7.61	4928	10.37	2683	14.25
07	E0ME5	1426	7.61	4306	10.37	2267	14.25
08	E0ME5MS	1256	7.63	3625	10.41	1800	14.27
09	E0ME5MSD	1120	7.62	3245	10.41	1666	14.27
10	E0ME6	1454	7.61	4184	10.37	2095	14.25
11	E0MD6	1607	7.61	4670	10.38	2451	14.25
12	E0MD7	1478	7.61	4260	10.38	2229	14.25
13	E0MD8	1604	7.61	4567	10.37	2283	14.25
14	SLCS169	1274	7.63	3815	10.41	1801	14.27
15	SLCS163	1094	7.64	3086	10.42	1561	14.27
16	SBLK161	1254	7.61	3696	10.38	1949	14.25
17	SBLK207	1180	7.61	3497	10.37	1825	14.25
18	E0MD9	1366	7.61	3936	10.37	2014	14.25
19	E0ME0	1298	7.61	3921	10.37	2438	14.25
20	E0ME7	1311	7.61	3884	10.37	1985	14.25
21	E0ME8	1281	7.61	3752	10.37	2020	14.25
22	YCSW7	1217	7.61	3705	10.38	1963	14.25
23	YCSW9	1277	7.61	3768	10.38	1945	14.25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 06:53

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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 YCSX0	1318	7.61	3812	10.37	1957	14.25
25 YCSX1	1241	7.61	3685	10.38	1967	14.25
26 SLCS205	891 *	7.65	2888	10.43	1394 *	14.28
27 YCSX3	1224	7.61	3644	10.38	1942	14.25
28 YCSY1	1255	7.61	3714	10.37	1952	14.25
29 YCSY2	1243	7.61	3718	10.37	1923	14.25
30 SLCS161	911 *	7.65	2671 *	10.43	1363 *	14.27
31 SLCS207	954 *	7.65	2847	10.42	1396 *	14.27
32 SBLK205	1155	7.61	3411	10.37	1769	14.25
33 YCSX2	1104	7.61	3195	10.37	1689	14.25
34 SP6475	1172	7.60	3552	10.37	1884	14.25

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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4073 Date Analyzed: Apr 13 2024 12:00AM

Lab File ID: BM045205.D Time Analyzed: 15:52

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	1440	7.614	4303	10.39	2271	14.26
UPPER LIMIT	2880	8.114	8606	10.891	4542	14.761
LOWER LIMIT	720	7.114	2151.5	9.891	1135.5	13.761
EPA SAMPLE NO.						
01 SBLK163	1561	7.61	4741	10.38	2702	14.25
02 SBLK169	1417	7.61	4247	10.38	2297	14.25
03 EOME1	1670	7.61	5130	10.38	2769	14.25
04 EOME2	1640	7.61	4880	10.38	2637	14.25
05 EOME3	1454	7.61	4484	10.38	2433	14.25
06 EOME4	1603	7.61	4928	10.37	2683	14.25
07 EOME5	1426	7.61	4306	10.37	2267	14.25
08 EOME5MS	1256	7.63	3625	10.41	1800	14.27
09 EOME5MSD	1120	7.62	3245	10.41	1666	14.27
10 EOME6	1454	7.61	4184	10.37	2095	14.25
11 EOMD6	1607	7.61	4670	10.38	2451	14.25
12 EOMD7	1478	7.61	4260	10.38	2229	14.25
13 EOMD8	1604	7.61	4567	10.37	2283	14.25
14 SLCS169	1274	7.63	3815	10.41	1801	14.27
15 SLCS163	1094	7.64	3086	10.42	1561	14.27

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4074 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045221.D Time Analyzed: 02:05

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	1120	7.635	3269	10.41	1689	14.27
	UPPER LIMIT	2240	8.135	6538	10.913	3378	14.77
	LOWER LIMIT	560	7.135	1634.5	9.913	844.5	13.77
	EPA SAMPLE NO.						
01	SBLK161	1254	7.61	3696	10.38	1949	14.25
02	SBLK207	1180	7.61	3497	10.37	1825	14.25
03	E0MD9	1366	7.61	3936	10.37	2014	14.25
04	E0ME0	1298	7.61	3921	10.37	2438	14.25
05	E0ME7	1311	7.61	3884	10.37	1985	14.25
06	E0ME8	1281	7.61	3752	10.37	2020	14.25
07	YCSW7	1217	7.61	3705	10.38	1963	14.25
08	YCSW9	1277	7.61	3768	10.38	1945	14.25
09	YCSX0	1318	7.61	3812	10.37	1957	14.25
10	YCSX1	1241	7.61	3685	10.38	1967	14.25
11	SLCS205	891	7.65	2888	10.43	1394	14.28
12	YCSX3	1224	7.61	3644	10.38	1942	14.25
13	YCSY1	1255	7.61	3714	10.37	1952	14.25
14	YCSY2	1243	7.61	3718	10.37	1923	14.25
15	SLCS161	911	7.65	2671	10.43	1363	14.27
16	SLCS207	954	7.65	2847	10.42	1396	14.27



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4074 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045221.D Time Analyzed: 11:04

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	1120	7.635	3269	10.41	1689	14.27
UPPER LIMIT	2240	8.135	6538	10.913	3378	14.77
LOWER LIMIT	560	7.135	1634.5	9.913	844.5	13.77
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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4075 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045238.D Time Analyzed: 12:52

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	1133	7.643	3341	10.41	1614	14.27
UPPER LIMIT	2266	8.143	6682	10.913	3228	14.77
LOWER LIMIT	566.5	7.143	1670.5	9.913	807	13.77
EPA SAMPLE NO.						
01 SBLK205	1155	7.61	3411	10.37	1769	14.25
02 YCSX2	1104	7.61	3195	10.37	1689	14.25
03 SP6475	1172	7.60	3552	10.37	1884	14.25

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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 13 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 15:52

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	SBLK163	5804	17.01	4807	21.25	4400 *	23.44
02	SBLK169	4746	17.01	4124	21.25	3694 *	23.44
03	E0ME1	6004	17.01	5178	21.24	5278	23.44
04	E0ME2	5474	17.01	4812	21.24	4722	23.44
05	E0ME3	5357	17.01	4975	21.24	5037	23.44
06	E0ME4	5730	17.01	5007	21.24	4932	23.44
07	E0ME5	4731	17.01	4041	21.25	3720 *	23.44
08	E0ME5MS	3893	17.03	3698	21.24	4603 *	23.46
09	E0ME5MSD	3712	17.03	3500 *	21.24	4277 *	23.46
10	E0ME6	4474	17.01	3691	21.25	3194 *	23.44
11	E0MD6	5437	17.01	4661	21.25	4543 *	23.44
12	E0MD7	5162	17.01	4331	21.24	4081 *	23.44
13	E0MD8	4995	17.01	4257	21.25	4142 *	23.44
14	SLCS169	4120	17.04	3471 *	21.25	4200 *	23.47
15	SLCS163	3552	17.05	3072 *	21.25	3707 *	23.47
16	SBLK161	4368	17.01	3312 *	21.25	2408 *	23.44
17	SBLK207	4047	17.01	3088 *	21.26	2444 *	23.44
18	E0MD9	4467	17.01	3535 *	21.25	2985 *	23.44
19	E0ME0	5123	17.01	4037	21.24	3754 *	23.44
20	E0ME7	4513	17.01	3541 *	21.25	3193 *	23.44
21	E0ME8	4461	17.01	3641	21.25	2956 *	23.44

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 05:41

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 YCSW7	4321	17.01	3395 *	21.25	3033 *	23.44
23 YCSW9	4362	17.01	3464 *	21.25	2911 *	23.43
24 YCSX0	4250	17.01	3376 *	21.25	3079 *	23.43
25 YCSX1	4450	17.01	3607 *	21.24	3523 *	23.43
26 SLCS205	3375 *	17.05	2694 *	21.25	3218 *	23.47
27 YCSX3	4193	17.01	3441 *	21.25	3285 *	23.43
28 YCSY1	4300	17.01	3510 *	21.24	3265 *	23.43
29 YCSY2	4341	17.01	3392 *	21.25	3320 *	23.43
30 SLCS161	3289 *	17.05	2562 *	21.25	3059 *	23.47
31 SLCS207	3226 *	17.04	2565 *	21.25	3083 *	23.46
32 SBLK205	3943	17.01	2839 *	21.26	2292 *	23.44
33 YCSX2	3612	17.01	2720 *	21.25	2327 *	23.44
34 SP6475	3982	17.01	2912 *	21.25	1848 *	23.43

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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4073 Date Analyzed: Apr 13 2024 12:00AM

Lab File ID: BM045205.D Time Analyzed: 15:52

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	5144	17.031	4460	21.239	5687	23.457
	UPPER LIMIT	10288	17.531	8920	21.739	11374	23.957
	LOWER LIMIT	2572	16.531	2230	20.739	2843.5	22.957
	EPA SAMPLE NO.						
01	SBLK163	5804	17.01	4807	21.25	4400	23.44
02	SBLK169	4746	17.01	4124	21.25	3694	23.44
03	E0ME1	6004	17.01	5178	21.24	5278	23.44
04	E0ME2	5474	17.01	4812	21.24	4722	23.44
05	E0ME3	5357	17.01	4975	21.24	5037	23.44
06	E0ME4	5730	17.01	5007	21.24	4932	23.44
07	E0ME5	4731	17.01	4041	21.25	3720	23.44
08	E0ME5MS	3893	17.03	3698	21.24	4603	23.46
09	E0ME5MSD	3712	17.03	3500	21.24	4277	23.46
10	E0ME6	4474	17.01	3691	21.25	3194	23.44
11	E0MD6	5437	17.01	4661	21.25	4543	23.44
12	E0MD7	5162	17.01	4331	21.24	4081	23.44
13	E0MD8	4995	17.01	4257	21.25	4142	23.44
14	SLCS169	4120	17.04	3471	21.25	4200	23.47
15	SLCS163	3552	17.05	3072	21.25	3707	23.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4073 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045205.D Time Analyzed: 00:17

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	5144	17.031	4460	21.239	5687	23.457
UPPER LIMIT	10288	17.531	8920	21.739	11374	23.957
LOWER LIMIT	2572	16.531	2230	20.739	2843.5	22.957
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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4074 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045221.D Time Analyzed: 02:05

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	3949	17.043	3253	21.242	4012	23.461
	UPPER LIMIT	7898	17.543	6506	21.742	8024	23.961
	LOWER LIMIT	1974.5	16.543	1626.5	20.742	2006	22.961
	EPA SAMPLE NO.						
01	SBLK161	4368	17.01	3312	21.25	2408	23.44
02	SBLK207	4047	17.01	3088	21.26	2444	23.44
03	E0MD9	4467	17.01	3535	21.25	2985	23.44
04	E0ME0	5123	17.01	4037	21.24	3754	23.44
05	E0ME7	4513	17.01	3541	21.25	3193	23.44
06	E0ME8	4461	17.01	3641	21.25	2956	23.44
07	YCSW7	4321	17.01	3395	21.25	3033	23.44
08	YCSW9	4362	17.01	3464	21.25	2911	23.43
09	YCSX0	4250	17.01	3376	21.25	3079	23.43
10	YCSX1	4450	17.01	3607	21.24	3523	23.43
11	SLCS205	3375	17.05	2694	21.25	3218	23.47
12	YCSX3	4193	17.01	3441	21.25	3285	23.43
13	YCSY1	4300	17.01	3510	21.24	3265	23.43
14	YCSY2	4341	17.01	3392	21.25	3320	23.43
15	SLCS161	3289	17.05	2562	21.25	3059	23.47
16	SLCS207	3226	17.04	2565	21.25	3083	23.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4074 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045221.D Time Analyzed: 11:04

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	3949	17.043	3253	21.242	4012	23.461
UPPER LIMIT	7898	17.543	6506	21.742	8024	23.961
LOWER LIMIT	1974.5	16.543	1626.5	20.742	2006	22.961
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.: BM041324 SAS No.: BM041324 SDG NO.: BM041324

EPA Sample No.: SSTD0.4075 Date Analyzed: Apr 14 2024 12:00AM

Lab File ID: BM045238.D Time Analyzed: 12:52

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	3509	17.044	2691	21.248	3415	23.466
UPPER LIMIT	7018	17.544	5382	21.748	6830	23.966
LOWER LIMIT	1754.5	16.544	1345.5	20.748	1707.5	22.966
EPA SAMPLE NO.						
01 SBLK205	3943	17.01	2839	21.26	2292	23.44
02 YCSX2	3612	17.01	2720	21.25	2327	23.44
03 SP6475	3982	17.01	2912	21.25	1848	23.43

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.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160161BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.4	ug/L	100				0	0	
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	Acenaphthylene	0.4	0.4	ug/L	100				0	0	
	Acenaphthene	0.4	0.4	ug/L	100				0	0	
	Fluorene	0.4	0.39	ug/L	98				0	0	
	Pentachlorophenol	0.8	0.69	ug/L	86				0	0	
	Phenanthrene	0.4	0.37	ug/L	93				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.47	ug/L	117				0	0	
	Pyrene	0.4	0.47	ug/L	117				0	0	
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0	
	Chrysene	0.4	0.46	ug/L	115				0	0	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0	
	Benzo(k)fluoranthene	0.4	0.47	ug/L	117				0	0	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160163BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.39	ug/L	98				0	0	
	1-Methylnaphthalene	0.4	0.36	ug/L	90				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	0.4	ug/L	100				0	0	
	Fluorene	0.4	0.39	ug/L	98				0	0	
	Pentachlorophenol	0.8	0.82	ug/L	103				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.39	ug/L	98				0	0	
	Fluoranthene	0.4	0.45	ug/L	113				0	0	
	Pyrene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.46	ug/L	115				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				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.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160169BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.36	ug/L	90				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	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.79	ug/L	99				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.36	ug/L	90				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160205BS	1,4-Dioxane	2	2.7	ug/L	135				0	0	
	Naphthalene	0.4	0.41	ug/L	103				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	Acenaphthylene	0.4	0.44	ug/L	110				0	0	
	Acenaphthene	0.4	0.44	ug/L	110				0	0	
	Fluorene	0.4	0.42	ug/L	105				0	0	
	Pentachlorophenol	0.8	0.81	ug/L	101				0	0	
	Phenanthrene	0.4	0.4	ug/L	100				0	0	
	Anthracene	0.4	0.42	ug/L	105				0	0	
	Fluoranthene	0.4	0.5	ug/L	125				0	0	
	Pyrene	0.4	0.51	ug/L	128				0	0	
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0	
	Chrysene	0.4	0.48	ug/L	120				0	0	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				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	0.41	ug/L	103				0	0	
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0	
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160207BS	1,4-Dioxane	2	2.5	ug/L	125				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.77	ug/L	96				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.39	ug/L	98				0	0		
	Fluoranthene	0.4	0.47	ug/L	117				0	0		
	Pyrene	0.4	0.47	ug/L	117				0	0		
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0		
	Chrysene	0.4	0.44	ug/L	110				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6475

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045241.D

Lab Sample ID: SP6475

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 04/14/2024

Level: (low/med) LOW

Time Analyzed: 14:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6475	SP6475	BM045241.D	04/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK161

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045222.D

Lab Sample ID: PB160161BL

Instrument ID: BNA_M

Date Extracted: 04/10/2024

Matrix: (soil/water) Water

Date Analyzed: 04/14/2024

Level: (low/med) LOW

Time Analyzed: 02:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160161BS	PB160161BS	BM045236.D	04/14/2024
E0MD6	P2014-10	BM045216.D	04/13/2024
E0MD7	P2014-11	BM045217.D	04/13/2024
E0MD8	P2014-12	BM045218.D	04/13/2024
E0MD9	P2014-13	BM045224.D	04/14/2024
E0ME0	P2014-15	BM045225.D	04/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK163

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045206.D

Lab Sample ID: PB160163BL

Instrument ID: BNA_M

Date Extracted: 04/10/2024

Matrix: (soil/water) Water

Date Analyzed: 04/13/2024

Level: (low/med) LOW

Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0ME6	P2014-23	BM045215.D	04/13/2024
PB160163BS	PB160163BS	BM045220.D	04/14/2024
E0ME1	P2014-16	BM045208.D	04/13/2024
E0ME2	P2014-17	BM045209.D	04/13/2024
E0ME3	P2014-18	BM045210.D	04/13/2024
E0ME4	P2014-19	BM045211.D	04/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK169

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045207.D

Lab Sample ID: PB160169BL

Instrument ID: BNA_M

Date Extracted: 04/11/2024

Matrix: (soil/water) Water

Date Analyzed: 04/13/2024

Level: (low/med) LOW

Time Analyzed: 16:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0ME5	P2014-20	BM045212.D	04/13/2024
E0ME5MS	P2014-21MS	BM045213.D	04/13/2024
E0ME5MSD	P2014-22MSD	BM045214.D	04/13/2024
PB160169BS	PB160169BS	BM045219.D	04/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK205

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045239.D

Lab Sample ID: PB160205BL

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/14/2024

Level: (low/med) LOW

Time Analyzed: 12:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160205BS	PB160205BS	BM045232.D	04/14/2024
E0ME7	P2032-01	BM045226.D	04/14/2024
E0ME8	P2032-02	BM045227.D	04/14/2024
YCSW7	P2036-01	BM045228.D	04/14/2024
YCSW9	P2036-02	BM045229.D	04/14/2024
YCSX0	P2036-03	BM045230.D	04/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK207

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041324

SAS No.: BM041324 SDG NO.: BM041324

Lab File ID: BM045223.D

Lab Sample ID: PB160207BL

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/14/2024

Level: (low/med) LOW

Time Analyzed: 02:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160207BS	PB160207BS	BM045237.D	04/14/2024
YCSX2	P2036-05	BM045240.D	04/14/2024
YCSX3	P2036-06	BM045233.D	04/14/2024
YCSY1	P2036-07	BM045234.D	04/14/2024
YCSY2	P2036-08	BM045235.D	04/14/2024
YCSX1	P2036-04	BM045231.D	04/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2014-21MS	Client Sample ID:	E0ME5MS					DataFile:	BM045213.D		
1,4-Dioxane	2		0.68	ug/L	34				15	120	
Naphthalene	0.4		0.36	ug/L	90				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		0.35	ug/L	88				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		1	ug/L	125	*			9	103	
Phenanthrene	0.4		0.4	ug/L	100				0	0	
Anthracene	0.4		0.4	ug/L	100				0	0	
Fluoranthene	0.4		0.44	ug/L	110				0	0	
Pyrene	0.4		0.44	ug/L	110				26	127	
Benzo(a)anthracene	0.4		0.4	ug/L	100				0	0	
Chrysene	0.4		0.43	ug/L	108				0	0	
Benzo(b)fluoranthene	0.4		0.39	ug/L	98				0	0	
Benzo(k)fluoranthene	0.4		0.43	ug/L	108				0	0	
Benzo(a)pyrene	0.4		0.41	ug/L	103				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	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2014-22MSD	Client Sample ID:	E0ME5MSD					DataFile:	BM045214.D		
1,4-Dioxane	2		0.78	ug/L	39		14		15	120	50
Naphthalene	0.4		0.44	ug/L	110		20	*	0	0	0
1-Methylnaphthalene	0.4		0.4	ug/L	100		19	*	0	0	0
2-Methylnaphthalene	0.4		0.43	ug/L	108		20	*	0	0	0
Acenaphthylene	0.4		0.44	ug/L	110		22	*	0	0	0
Acenaphthene	0.4		0.45	ug/L	113		23		46	118	31
Fluorene	0.4		0.46	ug/L	115		24	*	0	0	0
Pentachlorophenol	0.8		1.2	ug/L	150	*	18		9	103	50
Phenanthrene	0.4		0.51	ug/L	128		25	*	0	0	0
Anthracene	0.4		0.5	ug/L	125		22	*	0	0	0
Fluoranthene	0.4		0.54	ug/L	135		20	*	0	0	0
Pyrene	0.4		0.55	ug/L	138	*	23		26	127	31
Benzo(a)anthracene	0.4		0.5	ug/L	125		22	*	0	0	0
Chrysene	0.4		0.53	ug/L	133		21	*	0	0	0
Benzo(b)fluoranthene	0.4		0.49	ug/L	123		23	*	0	0	0
Benzo(k)fluoranthene	0.4		0.54	ug/L	135		22	*	0	0	0
Benzo(a)pyrene	0.4		0.52	ug/L	130		23	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.49	ug/L	123		23	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.49	ug/L	123		23	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.5	ug/L	125		22	*	0	0	0



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

Surrogate Summary

SW-846

SDG No.: BM041324

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6475	SP6475	BM045241.D	1,4-Dioxane-d8	8	15,038.00	187975	*	15	120
			Fluoranthene-d10	0.4	989.00	247250	*	30	130
			2-Methylnaphthalene-d10	0.4	830.00	207500	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM041324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2014-10	E0MD6	BM045216.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		30	130
P2014-11	E0MD7	BM045217.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
P2014-12	E0MD8	BM045218.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P2014-13	E0MD9	BM045224.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P2014-15	E0ME0	BM045225.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
PB160161BL	PB160161BL	BM045222.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
PB160161BS	PB160161BS	BM045236.D	1,4-Dioxane-d8	0.8	0.82	102		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

Surrogate Summary

SW-846

SDG No.: **BM041324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2014-16	E0ME1	BM045208.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P2014-17	E0ME2	BM045209.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
P2014-18	E0ME3	BM045210.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2014-19	E0ME4	BM045211.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
P2014-23	E0ME6	BM045215.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
PB160163BL	PB160163BL	BM045206.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
PB160163BS	PB160163BS	BM045220.D	1,4-Dioxane-d8	0.8	0.72	89		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BM041324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2014-20	E0ME5	BM045212.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130
P2014-21MS	E0ME5MS	BM045213.D	1,4-Dioxane-d8	0.8	0.20	25		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P2014-22MSD	E0ME5MSD	BM045214.D	1,4-Dioxane-d8	0.8	0.26	33		15	120
			Fluoranthene-d10	0.4	0.55	136	*	30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130
PB160169BL	PB160169BL	BM045207.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB160169BS	PB160169BS	BM045219.D	1,4-Dioxane-d8	0.8	0.69	86		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130

Surrogate Summary

SW-846

SDG No.: **BM041324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2032-01	E0ME7	BM045226.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	88		30	130
P2032-02	E0ME8	BM045227.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P2036-01	YCSW7	BM045228.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
P2036-02	YCSW9	BM045229.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P2036-03	YCSX0	BM045230.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB160205BL	PB160205BL	BM045239.D	1,4-Dioxane-d8	8	6.18	77		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB160205BS	PB160205BS	BM045232.D	1,4-Dioxane-d8	0.8	0.90	113		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130

Surrogate Summary

SW-846

SDG No.: **BM041324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2036-04	YCSX1	BM045231.D	1,4-Dioxane-d8	8	14.74	184	*	15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P2036-05	YCSX2	BM045240.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P2036-06	YCSX3	BM045233.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P2036-07	YCSY1	BM045234.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130
P2036-08	YCSY2	BM045235.D	1,4-Dioxane-d8	8	4.24	53	*	15	120
			Fluoranthene-d10	0.4	0.52	131		30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130
PB160207BL	PB160207BL	BM045223.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB160207BS	PB160207BS	BM045237.D	1,4-Dioxane-d8	0.8	0.85	106		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041324

Lab Code: CHEM

SAS No.: BM041324

SDG NO.: BM041324

Lab File ID: BM045204.D

DFTPP Injection Date: 04/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 14:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	51.4
70	Less than 2.0% of mass 69	0.4 (0.9) 1
127	10.0 - 80.0% of mass 198	59.5
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.1
443	15.0 - 24.0% of mass 442	16 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4073	SSTDCCC0.4	BM045205.D	04/13/2024	15:16
SBLK163	PB160163BL	BM045206.D	04/13/2024	15:52
SBLK169	PB160169BL	BM045207.D	04/13/2024	16:29
E0ME1	P2014-16	BM045208.D	04/13/2024	17:05
E0ME2	P2014-17	BM045209.D	04/13/2024	17:41
E0ME3	P2014-18	BM045210.D	04/13/2024	18:17
E0ME4	P2014-19	BM045211.D	04/13/2024	18:53
E0ME5	P2014-20	BM045212.D	04/13/2024	19:29
E0ME5MS	P2014-21MS	BM045213.D	04/13/2024	20:05
E0ME5MSD	P2014-22MSD	BM045214.D	04/13/2024	20:41
E0ME6	P2014-23	BM045215.D	04/13/2024	21:17
E0MD6	P2014-10	BM045216.D	04/13/2024	21:53
E0MD7	P2014-11	BM045217.D	04/13/2024	22:29
E0MD8	P2014-12	BM045218.D	04/13/2024	23:05
SLCS169	PB160169BS	BM045219.D	04/13/2024	23:41
SLCS163	PB160163BS	BM045220.D	04/14/2024	00:17
SSTD0.4074	SSTDCCC0.4	BM045221.D	04/14/2024	01:29
SBLK161	PB160161BL	BM045222.D	04/14/2024	02:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041324

Lab Code: CHEM

SAS No.: BM041324

SDG NO.: BM041324

Lab File ID: BM045204.D

DFTPP Injection Date: 04/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 14:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	51.4
70	Less than 2.0% of mass 69	0.4 (0.9) 1
127	10.0 - 80.0% of mass 198	59.5
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.1
443	15.0 - 24.0% of mass 442	16 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK207	PB160207BL	BM045223.D	04/14/2024	02:41
E0MD9	P2014-13	BM045224.D	04/14/2024	03:17
E0ME0	P2014-15	BM045225.D	04/14/2024	03:53
E0ME7	P2032-01	BM045226.D	04/14/2024	04:29
E0ME8	P2032-02	BM045227.D	04/14/2024	05:05
YCSW7	P2036-01	BM045228.D	04/14/2024	05:41
YCSW9	P2036-02	BM045229.D	04/14/2024	06:17
YCSX0	P2036-03	BM045230.D	04/14/2024	06:53
YCSX1	P2036-04	BM045231.D	04/14/2024	07:29
SLCS205	PB160205BS	BM045232.D	04/14/2024	08:04
YCSX3	P2036-06	BM045233.D	04/14/2024	08:40
YCSY1	P2036-07	BM045234.D	04/14/2024	09:16
YCSY2	P2036-08	BM045235.D	04/14/2024	09:52
SLCS161	PB160161BS	BM045236.D	04/14/2024	10:28
SLCS207	PB160207BS	BM045237.D	04/14/2024	11:04
SSTD0.4075	SSTDCCC0.4	BM045238.D	04/14/2024	12:16
SBLK205	PB160205BL	BM045239.D	04/14/2024	12:52
YCSX2	P2036-05	BM045240.D	04/14/2024	13:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041324

Lab Code: CHEM

SAS No.: BM041324

SDG NO.: BM041324

Lab File ID: BM045204.D

DFTPP Injection Date: 04/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 14:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	51.4
70	Less than 2.0% of mass 69	0.4 (0.9) 1
127	10.0 - 80.0% of mass 198	59.5
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.1
443	15.0 - 24.0% of mass 442	16 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SP6475	SP6475	BM045241.D	04/14/2024	14:04
SSTD0.4076	SSTDCCC0.4EC	BM045242.D	04/14/2024	15:16