

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG No.: BM041024

Instrument ID: BNA_M Calibration Date/Time: 4/10/2024 1:08:56

Lab File ID: BM045089.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4069 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	0.465	0.010	-7.615	40.0
1,4-Dioxane-d8	0.525	0.536	0.010	2.0587	40.0
Naphthalene	1.061	1.032	0.600	-2.7801	30.0
1-Methylnaphthalene	0.692	0.670	0.300	-3.1246	30.0
2-Methylnaphthalene	0.634	0.615	0.300	-2.906	30.0
Acenaphthylene	1.996	1.988	0.900	-0.3767	30.0
Acenaphthene	1.429	1.445	0.500	1.1328	30.0
Fluorene	1.601	1.561	0.700	-2.5351	30.0
Pentachlorophenol	0.094	0.080	0.010	-15.0685	50.0
Phenanthrene	1.126	1.080	0.300	-4.1161	30.0
Anthracene	1.109	1.084	0.400	-2.2968	30.0
Fluoranthene	1.429	1.820	0.400	27.3062	30.0
Pyrene	1.509	1.909	0.500	26.4857	30.0
Benzo (a) anthracene	1.392	1.271	0.400	-8.7362	30.0
Chrysene	1.738	1.885	0.400	8.4358	30.0
Benzo (b) fluoranthene	1.445	1.369	0.200	-5.2374	30.0
Benzo (k) fluoranthene	1.618	1.663	0.200	2.7952	30.0
Benzo (a) pyrene	1.379	1.356	0.200	-1.714	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.725	0.200	-8.7784	30.0
Dibenzo (a,h) anthracene	1.497	1.253	0.200	-16.3246	30.0
Benzo (g,h,i) perylene	1.630	1.627	0.200	-0.2168	30.0
Fluoranthene-d10	1.011	1.285	0.400	27.1742	30.0
2-Methylnaphthalene-d10	0.542	0.523	0.300	-3.5032	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.: BM041024 SAS No.: BM041024 SDG No.: BM041024
Instrument ID: BNA_M Calibration Date/Time: 4/10/2024 1:19:48
Lab File ID: BM045106.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4070 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	0.462	0.010	-8.3588	40.0
1,4-Dioxane-d8	0.525	0.480	0.010	-8.5626	40.0
Naphthalene	1.061	1.050	0.600	-1.0773	30.0
1-Methylnaphthalene	0.692	0.690	0.300	-0.3139	30.0
2-Methylnaphthalene	0.634	0.636	0.300	0.3589	30.0
Acenaphthylene	1.996	2.009	0.900	0.646	30.0
Acenaphthene	1.429	1.478	0.500	3.4697	30.0
Fluorene	1.601	1.561	0.700	-2.5495	30.0
Pentachlorophenol	0.094	0.082	0.010	-12.168	50.0
Phenanthrene	1.126	1.098	0.300	-2.4844	30.0
Anthracene	1.109	1.086	0.400	-2.0481	30.0
Fluoranthene	1.429	1.739	0.400	21.6745	30.0
Pyrene	1.509	1.836	0.500	21.6138	30.0
Benzo (a) anthracene	1.392	1.380	0.400	-0.9037	30.0
Chrysene	1.738	1.796	0.400	3.3632	30.0
Benzo (b) fluoranthene	1.445	1.365	0.200	-5.544	30.0
Benzo (k) fluoranthene	1.618	1.671	0.200	3.2599	30.0
Benzo (a) pyrene	1.379	1.381	0.200	0.134	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.941	0.200	2.6804	30.0
Dibenzo (a,h) anthracene	1.497	1.505	0.200	0.5488	30.0
Benzo (g,h,i) perylene	1.630	1.635	0.200	0.3177	30.0
Fluoranthene-d10	1.011	1.248	0.400	23.4801	30.0
2-Methylnaphthalene-d10	0.542	0.535	0.300	-1.3607	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.: BM041024 SAS No.: BM041024 SDG No.: BM041024

Instrument ID: BNA_M Calibration Date/Time: 4/11/2024 1:06:38

Lab File ID: BM045123.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4071 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	0.528	0.010	4.9051	40.0
1,4-Dioxane-d8	0.525	0.561	0.010	6.8493	40.0
Naphthalene	1.061	1.023	0.600	-3.6285	30.0
1-Methylnaphthalene	0.692	0.651	0.300	-5.9936	30.0
2-Methylnaphthalene	0.634	0.602	0.300	-5.031	30.0
Acenaphthylene	1.996	2.006	0.900	0.5036	30.0
Acenaphthene	1.429	1.484	0.500	3.9078	30.0
Fluorene	1.601	1.491	0.700	-6.9168	30.0
Pentachlorophenol	0.094	0.068	0.010	-27.2763	50.0
Phenanthrene	1.126	1.097	0.300	-2.5689	30.0
Anthracene	1.109	1.077	0.400	-2.9231	30.0
Fluoranthene	1.429	1.798	0.400	25.7589	30.0
Pyrene	1.509	1.892	0.500	25.328	30.0
Benzo (a) anthracene	1.392	1.240	0.400	-10.9762	30.0
Chrysene	1.738	1.910	0.400	9.8976	30.0
Benzo (b) fluoranthene	1.445	1.374	0.200	-4.9048	30.0
Benzo (k) fluoranthene	1.618	1.720	0.200	6.3357	30.0
Benzo (a) pyrene	1.379	1.419	0.200	2.8466	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.804	0.200	-4.5776	30.0
Dibenzo (a,h) anthracene	1.497	1.364	0.200	-8.8883	30.0
Benzo (g,h,i) perylene	1.630	1.666	0.200	2.1621	30.0
Fluoranthene-d10	1.011	1.255	0.400	24.1984	30.0
2-Methylnaphthalene-d10	0.542	0.516	0.300	-4.8685	30.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK095	SDG No.:	BM041024
Lab Sample ID:	PB160095BL	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
BM045090.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

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	4.242		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.339		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.264		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2296		7.622			
1146-65-2	Naphthalene-d8	7496		10.391			
15067-26-2	Acenaphthene-d10	4129		14.27			

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:	SBLK095	SDG No.:	BM041024
Lab Sample ID:	PB160095BL	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
BM045090.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9359	17.03				
1719-03-5	Chrysene-d12	6497	21.257				
1520-96-3	Perylene-d12	6418	23.458				
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:	SBLK104	SDG No.:	BM041024
Lab Sample ID:	PB160104BL	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
BM045091.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

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	5.112		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1525	7.623				
1146-65-2	Naphthalene-d8	5033	10.391				
15067-26-2	Acenaphthene-d10	2699	14.27				

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:	SBLK104	SDG No.:	BM041024
Lab Sample ID:	PB160104BL	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
BM045091.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5942	17.03				
1719-03-5	Chrysene-d12	3896	21.263				
1520-96-3	Perylene-d12	3472	23.458				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BM041024
Lab Sample ID:	P2013-14	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
BM045092.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

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	4.199		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.617	*	30-130		154	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1339		7.622			
1146-65-2	Naphthalene-d8	4343		10.396			
15067-26-2	Acenaphthene-d10	2361		14.27			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0	SDG No.:	BM041024
Lab Sample ID:	P2013-14	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
BM045092.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5185	17.026				
1719-03-5	Chrysene-d12	3606	21.254				
1520-96-3	Perylene-d12	3184	23.458				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BM041024
Lab Sample ID:	P2013-15MS	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
BM045093.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

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	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		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	0.97		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.54		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		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	0.44		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		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	0.44		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.319		15-120		40	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.538	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1279		7.639			
1146-65-2	Naphthalene-d8	4251		10.418			
15067-26-2	Acenaphthene-d10	2236		14.279			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MS	SDG No.:	BM041024
Lab Sample ID:	P2013-15MS	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
BM045093.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4656	17.043				
1719-03-5	Chrysene-d12	3535	21.249				
1520-96-3	Perylene-d12	4168	23.467				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BM041024
Lab Sample ID:	P2013-16MSD	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
BM045094.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.71		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.3		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.85		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.51		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.5		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		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	0.41		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	0.41		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	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.218		15-120		27	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.482		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1488		7.635			
1146-65-2	Naphthalene-d8	4693		10.418			
15067-26-2	Acenaphthene-d10	2479		14.28			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC0MSD	SDG No.:	BM041024
Lab Sample ID:	P2013-16MSD	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
BM045094.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4926	17.044				
1719-03-5	Chrysene-d12	3839	21.251				
1520-96-3	Perylene-d12	4725	23.466				
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:	YCSW1	SDG No.:	BM041024
Lab Sample ID:	P1973-12	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
BM045095.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

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	3.409		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.504		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1670		7.622			
1146-65-2	Naphthalene-d8	5354		10.391			
15067-26-2	Acenaphthene-d10	2920		14.27			

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:	YCSW1	SDG No.:	BM041024
Lab Sample ID:	P1973-12	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
BM045095.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6412	17.026				
1719-03-5	Chrysene-d12	4631	21.257				
1520-96-3	Perylene-d12	4468	23.461				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC3	SDG No.:	BM041024
Lab Sample ID:	P2013-19	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
BM045096.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.07	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.638		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.528	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1642		7.622			
1146-65-2	Naphthalene-d8	5186		10.391			
15067-26-2	Acenaphthene-d10	2722		14.27			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC3	SDG No.:	BM041024
Lab Sample ID:	P2013-19	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
BM045096.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5635	17.03				
1719-03-5	Chrysene-d12	3858	21.257				
1520-96-3	Perylene-d12	3518	23.458				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BM041024
Lab Sample ID:	P2013-20	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
BM045097.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.558		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.49		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1691		7.622			
1146-65-2	Naphthalene-d8	5483		10.391			
15067-26-2	Acenaphthene-d10	3030		14.271			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC4	SDG No.:	BM041024
Lab Sample ID:	P2013-20	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
BM045097.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6614	17.027				
1719-03-5	Chrysene-d12	4741	21.257				
1520-96-3	Perylene-d12	4354	23.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BM041024
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045098.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

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	4.688		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.644	*	30-130		161	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.445		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1700		7.627			
1146-65-2	Naphthalene-d8	5573		10.391			
15067-26-2	Acenaphthene-d10	2981		14.27			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC5	SDG No.:	BM041024
Lab Sample ID:	P2013-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045098.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5619	17.026				
1719-03-5	Chrysene-d12	3600	21.257				
1520-96-3	Perylene-d12	3084	23.461				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BM041024
Lab Sample ID:	P2013-22	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
BM045099.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.344		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.54	*	30-130		135	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1575		7.622			
1146-65-2	Naphthalene-d8	5084		10.391			
15067-26-2	Acenaphthene-d10	2785		14.271			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	E0MC6	SDG No.:	BM041024
Lab Sample ID:	P2013-22	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
BM045099.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6024	17.027				
1719-03-5	Chrysene-d12	4305	21.259				
1520-96-3	Perylene-d12	3817	23.46				
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:	SLCS095	SDG No.:	BM041024
Lab Sample ID:	PB160095BS	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
BM045100.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

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	0.44		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.42		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.44		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.45		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	0.43		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.92		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.47		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.58		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.57		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.49		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.46		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.872		15-120		109	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.555	*	30-130		139	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.43		30-130		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1116		7.652			
1146-65-2	Naphthalene-d8	3722		10.43			
15067-26-2	Acenaphthene-d10	1982		14.284			

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:	SLCS095	SDG No.:	BM041024
Lab Sample ID:	PB160095BS	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
BM045100.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4020	17.056				
1719-03-5	Chrysene-d12	2962	21.257				
1520-96-3	Perylene-d12	3684	23.479				
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:	SLCS104	SDG No.:	BM041024
Lab Sample ID:	PB160104BS	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
BM045101.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

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	0.46		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.45		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.46		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.46		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.47		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.45		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.89		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.45		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.59		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.59		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.52		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.47		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.51		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.49		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		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	0.927		15-120		116	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.566	*	30-130		141	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.445		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1216		7.635			
1146-65-2	Naphthalene-d8	3916		10.424			
15067-26-2	Acenaphthene-d10	2143		14.284			

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:	SLCS104	SDG No.:	BM041024
Lab Sample ID:	PB160104BS	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
BM045101.D	1	4/8/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4814	17.052				
1719-03-5	Chrysene-d12	3355	21.257				
1520-96-3	Perylene-d12	4106	23.479				
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:	YCSSL0	SDG No.:	BM041024
Lab Sample ID:	P1973-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045102.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.47		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	0.477		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.369		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1462		7.627			
1146-65-2	Naphthalene-d8	4673		10.391			
15067-26-2	Acenaphthene-d10	2647		14.27			

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:	YCSSL	SDG No.:	BM041024
Lab Sample ID:	P1973-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045102.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5897	17.026				
1719-03-5	Chrysene-d12	5067	21.249				
1520-96-3	Perylene-d12	4706	23.461				
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:	YCSSL0MS	SDG No.:	BM041024
Lab Sample ID:	P1973-10MS	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
BM045103.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		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	0.45		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.45		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.52		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.52		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		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	0.45		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	0.43		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	0.42		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	0.191		15-120		24	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	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	1385	7.631				
1146-65-2	Naphthalene-d8	4314	10.408				
15067-26-2	Acenaphthene-d10	2414	14.27				

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:	YCSSL0MS	SDG No.:	BM041024
Lab Sample ID:	P1973-10MS	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
BM045103.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5192	17.035				
1719-03-5	Chrysene-d12	4703	21.243				
1520-96-3	Perylene-d12	5498	23.464				
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:	YCSSL0MSD	SDG No.:	BM041024
Lab Sample ID:	P1973-11MSD	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
BM045104.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		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	0.42		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	0.41		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.9		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.46		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.45		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	0.53		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		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	0.45		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	0.44		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.211		15-120		26	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.531	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1278		7.631			
1146-65-2	Naphthalene-d8	4024		10.402			
15067-26-2	Acenaphthene-d10	2208		14.27			

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:	YCSSL0MSD	SDG No.:	BM041024
Lab Sample ID:	P1973-11MSD	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
BM045104.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4708	17.035				
1719-03-5	Chrysene-d12	4181	21.243				
1520-96-3	Perylene-d12	4877	23.464				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS123	SDG No.:	BM041024
Lab Sample ID:	PB160123BS	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
BM045105.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		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	0.76		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		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	0.39		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		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	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.629		15-120		79	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.436		30-130		109	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	1542	7.631				
1146-65-2	Naphthalene-d8	4748	10.413				
15067-26-2	Acenaphthene-d10	2326	14.274				

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:	SLCS123	SDG No.:	BM041024
Lab Sample ID:	PB160123BS	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
BM045105.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4855	17.043				
1719-03-5	Chrysene-d12	3648	21.252				
1520-96-3	Perylene-d12	4644	23.473				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK123	SDG No.:	BM041024
Lab Sample ID:	PB160123BL	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
BM045107.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

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	6.137		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.445		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1594		7.623			
1146-65-2	Naphthalene-d8	4876		10.391			
15067-26-2	Acenaphthene-d10	2499		14.27			

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:	SBLK123	SDG No.:	BM041024
Lab Sample ID:	PB160123BL	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
BM045107.D	1	4/9/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5308	17.026				
1719-03-5	Chrysene-d12	3687	21.26				
1520-96-3	Perylene-d12	3171	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:	SBLK083	SDG No.:	BM041024
Lab Sample ID:	PB160083BL	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
BM045108.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

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	5.866		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.33		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1560		7.618			
1146-65-2	Naphthalene-d8	4708		10.391			
15067-26-2	Acenaphthene-d10	2468		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:	SBLK083	SDG No.:	BM041024
Lab Sample ID:	PB160083BL	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
BM045108.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5158	17.027				
1719-03-5	Chrysene-d12	3563	21.262				
1520-96-3	Perylene-d12	3145	23.463				
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:	SBLK086	SDG No.:	BM041024
Lab Sample ID:	PB160086BL	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
BM045109.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160086

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	5.544		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.423		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1873	7.622				
1146-65-2	Naphthalene-d8	5761	10.391				
15067-26-2	Acenaphthene-d10	2853	14.271				

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:	SBLK086	SDG No.:	BM041024
Lab Sample ID:	PB160086BL	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
BM045109.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5530	17.027				
1719-03-5	Chrysene-d12	3677	21.262				
1520-96-3	Perylene-d12	3197	23.46				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2	SDG No.:	BM041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045110.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.08	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.67		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.474		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1820		7.622			
1146-65-2	Naphthalene-d8	5735		10.391			
15067-26-2	Acenaphthene-d10	3078		14.265			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2	SDG No.:	BM041024
Lab Sample ID:	P1982-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045110.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6654	17.026				
1719-03-5	Chrysene-d12	4866	21.257				
1520-96-3	Perylene-d12	4544	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2MS	SDG No.:	BM041024
Lab Sample ID:	P1982-07MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045111.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.44		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.42		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		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	0.43		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.93		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.47		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.44		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.58		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.57		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.51		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.48		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.424		15-120		53	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.551	*	30-130		138	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1313		7.643			
1146-65-2	Naphthalene-d8	4047		10.424			
15067-26-2	Acenaphthene-d10	2033		14.279			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2MS	SDG No.:	BM041024
Lab Sample ID:	P1982-07MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045111.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4070	17.047				
1719-03-5	Chrysene-d12	3058	21.251				
1520-96-3	Perylene-d12	3891	23.47				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2MSD	SDG No.:	BM041024
Lab Sample ID:	P1982-08MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045112.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.91		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.44		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.57		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.57		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.51		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.51		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.393		15-120		49	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.553	*	30-130		138	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1255		7.635			
1146-65-2	Naphthalene-d8	3999		10.424			
15067-26-2	Acenaphthene-d10	1975		14.279			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ2MSD	SDG No.:	BM041024
Lab Sample ID:	P1982-08MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045112.D	1	4/7/2024 12:00:00 AM	4/10/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3898	17.047				
1719-03-5	Chrysene-d12	2846	21.254				
1520-96-3	Perylene-d12	3521	23.473				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ6	SDG No.:	BM041024
Lab Sample ID:	P1982-10	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
BM045113.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.293		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.562	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1542		7.622			
1146-65-2	Naphthalene-d8	4701		10.391			
15067-26-2	Acenaphthene-d10	2419		14.266			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	YCSQ6	SDG No.:	BM041024
Lab Sample ID:	P1982-10	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
BM045113.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5246	17.027				
1719-03-5	Chrysene-d12	3764	21.254				
1520-96-3	Perylene-d12	3358	23.454				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	E0MB7	SDG No.:	BM041024
Lab Sample ID:	P2013-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045114.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

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	4.201		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.545	*	30-130		136	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1426		7.623			
1146-65-2	Naphthalene-d8	4496		10.391			
15067-26-2	Acenaphthene-d10	2401		14.265			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	E0MB7	SDG No.:	BM041024
Lab Sample ID:	P2013-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045114.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5172	17.026				
1719-03-5	Chrysene-d12	3869	21.249				
1520-96-3	Perylene-d12	3545	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MB9	SDG No.:	BM041024
Lab Sample ID:	P2013-13	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
BM045115.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.1	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	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	4.091		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.552	*	30-130		138	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1414		7.622			
1146-65-2	Naphthalene-d8	4405		10.391			
15067-26-2	Acenaphthene-d10	2358		14.266			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MB9	SDG No.:	BM041024
Lab Sample ID:	P2013-13	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
BM045115.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5119	17.027				
1719-03-5	Chrysene-d12	3707	21.251				
1520-96-3	Perylene-d12	3318	23.454				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC1	SDG No.:	BM041024
Lab Sample ID:	P2013-17	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
BM045116.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

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	4.448		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.536	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1577		7.618			
1146-65-2	Naphthalene-d8	4828		10.391			
15067-26-2	Acenaphthene-d10	2545		14.265			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC1	SDG No.:	BM041024
Lab Sample ID:	P2013-17	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
BM045116.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5421	17.026				
1719-03-5	Chrysene-d12	4149	21.249				
1520-96-3	Perylene-d12	4013	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC2	SDG No.:	BM041024
Lab Sample ID:	P2013-18	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
BM045117.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.537		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.538	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.372		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1479		7.618			
1146-65-2	Naphthalene-d8	4446		10.391			
15067-26-2	Acenaphthene-d10	2252		14.265			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	E0MC2	SDG No.:	BM041024
Lab Sample ID:	P2013-18	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
BM045117.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4637	17.026				
1719-03-5	Chrysene-d12	3423	21.257				
1520-96-3	Perylene-d12	2804	23.452				
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:	SLCS086	SDG No.:	BM041024
Lab Sample ID:	PB160086BS	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
BM045118.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

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	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.76		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		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	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.48		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	0.42		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	0.4		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	0.35		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	0.767		15-120		96	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.478		30-130		119	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	1290	7.643				
1146-65-2	Naphthalene-d8	4015	10.424				
15067-26-2	Acenaphthene-d10	2086	14.28				

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:	SLCS086	SDG No.:	BM041024
Lab Sample ID:	PB160086BS	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
BM045118.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4155	17.052				
1719-03-5	Chrysene-d12	3038	21.253				
1520-96-3	Perylene-d12	3788	23.472				
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:	SLCS083	SDG No.:	BM041024
Lab Sample ID:	PB160083BS	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
BM045119.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		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	0.39		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	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.66		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	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.5		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		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	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.83		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1201	7.648				
1146-65-2	Naphthalene-d8	3728	10.424				
15067-26-2	Acenaphthene-d10	1969	14.28				

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:	SLCS083	SDG No.:	BM041024
Lab Sample ID:	PB160083BS	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
BM045119.D	1	4/7/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4146	17.052				
1719-03-5	Chrysene-d12	2806	21.256				
1520-96-3	Perylene-d12	3492	23.478				
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:	YCSW4	SDG No.:	BM041024
Lab Sample ID:	P1973-13	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
BM045120.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.64		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	3.865		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.59	*	30-130		147	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.399		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1443		7.623			
1146-65-2	Naphthalene-d8	4538		10.391			
15067-26-2	Acenaphthene-d10	2354		14.265			

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:	YCSW4	SDG No.:	BM041024
Lab Sample ID:	P1973-13	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
BM045120.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5186	17.026				
1719-03-5	Chrysene-d12	3614	21.258				
1520-96-3	Perylene-d12	3185	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK125	SDG No.:	BM041024
Lab Sample ID:	PB160125BL	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
BM045121.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

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	5.542		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1618		7.618			
1146-65-2	Naphthalene-d8	4923		10.391			
15067-26-2	Acenaphthene-d10	2475		14.265			

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:	SBLK125	SDG No.:	BM041024
Lab Sample ID:	PB160125BL	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
BM045121.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5030	17.026				
1719-03-5	Chrysene-d12	3370	21.263				
1520-96-3	Perylene-d12	2879	23.458				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SLCS125	SDG No.:	BM041024
Lab Sample ID:	PB160125BS	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
BM045122.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		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	0.73		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	0.48		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		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	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.744		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.454		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1296	7.644				
1146-65-2	Naphthalene-d8	4146	10.424				
15067-26-2	Acenaphthene-d10	2126	14.284				

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:	SLCS125	SDG No.:	BM041024
Lab Sample ID:	PB160125BS	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
BM045122.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4114	17.056				
1719-03-5	Chrysene-d12	2916	21.257				
1520-96-3	Perylene-d12	3689	23.476				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	SBLK142	SDG No.:	BM041024
Lab Sample ID:	PB160142BL	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
BM045124.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160142

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	5.992		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.497		30-130		124	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1771		7.618			
1146-65-2	Naphthalene-d8	5945		10.386			
15067-26-2	Acenaphthene-d10	3007		14.265			

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:	SBLK142	SDG No.:	BM041024
Lab Sample ID:	PB160142BL	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
BM045124.D	1	4/9/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160142

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5763	17.026				
1719-03-5	Chrysene-d12	3208	21.263				
1520-96-3	Perylene-d12	2416	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BM041024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YCSS0								
P1973-09	YCSS0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1973-09	YCSS0	Water	1,4-Dioxane		0.470	0.029	0.2	ug/L
			Total Svoc :			0.47		
			Total Concentration:			0.47		
Client ID : YCSW1								
P1973-12	YCSW1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1973-12	YCSW1	Water	1,4-Dioxane		0.430	0.03	0.2	ug/L
			Total Svoc :			0.43		
			Total Concentration:			0.43		
Client ID : YCSW4								
P1973-13	YCSW4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1973-13	YCSW4	Water	1,4-Dioxane		0.640	0.029	0.2	ug/L
			Total Svoc :			0.64		
			Total Concentration:			0.64		
Client ID : YCSQ2								
P1982-06	YCSQ2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1982-06	YCSQ2	Water	1,4-Dioxane		0.080	J 0.029	0.2	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		
Client ID : YCSQ6								
P1982-10	YCSQ6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1982-10	YCSQ6	Water	1,4-Dioxane		0.090	J 0.03	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID : E0MB7								
P2013-11	E0MB7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MB9								
P2013-13	E0MB9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BM041024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2013-13	E0MB9	Water	1,4-Dioxane	0.100	J	0.029	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : E0MC0								
P2013-14	E0MC0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MC1								
P2013-17	E0MC1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MC2								
P2013-18	E0MC2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MC3								
P2013-19	E0MC3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2013-19	E0MC3	Water	1,4-Dioxane	0.070	J	0.029	0.2	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID : E0MC4								
P2013-20	E0MC4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2013-20	E0MC4	Water	1,4-Dioxane	0.080	J	0.03	0.2	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		
Client ID : E0MC5								
P2013-21	E0MC5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MC6								
P2013-22	E0MC6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: 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.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 09:32

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	SBLK095	2296	7.62	7496	10.39	4129	14.27
02	SBLK104	1525	7.62	5033	10.39	2699	14.27
03	E0MC0	1339	7.62	4343	10.40	2361	14.27
04	E0MC0MS	1279	7.64	4251	10.42	2236	14.28
05	E0MC0MSD	1488	7.64	4693	10.42	2479	14.28
06	YCSW1	1670	7.62	5354	10.39	2920	14.27
07	E0MC3	1642	7.62	5186	10.39	2722	14.27
08	E0MC4	1691	7.62	5483	10.39	3030	14.27
09	E0MC5	1700	7.63	5573	10.39	2981	14.27
10	E0MC6	1575	7.62	5084	10.39	2785	14.27
11	SLCS095	1116	7.65	3722	10.43	1982	14.28
12	SLCS104	1216	7.64	3916	10.42	2143	14.28
13	YCSSL0	1462	7.63	4673	10.39	2647	14.27
14	YCSSL0MS	1385	7.63	4314	10.41	2414	14.27
15	YCSSL0MSD	1278	7.63	4024	10.40	2208	14.27
16	SLCS123	1542	7.63	4748	10.41	2326	14.27
17	SBLK123	1594	7.62	4876	10.39	2499	14.27
18	SBLK083	1560	7.62	4708	10.39	2468	14.27
19	SBLK086	1873	7.62	5761	10.39	2853	14.27
20	YCSQ2	1820	7.62	5735	10.39	3078	14.27
21	YCSQ2MS	1313	7.64	4047	10.42	2033	14.28
22	YCSQ2MSD	1255	7.64	3999	10.42	1975	14.28
23	YCSQ6	1542	7.62	4701	10.39	2419	14.27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 00:38

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	EOMB7	1426	7.62	4496	10.39	2401	14.27
25	EOMB9	1414	7.62	4405	10.39	2358	14.27
26	EOMC1	1577	7.62	4828	10.39	2545	14.27
27	EOMC2	1479	7.62	4446	10.39	2252	14.27
28	SLCS086	1290	7.64	4015	10.42	2086	14.28
29	SLCS083	1201	7.65	3728	10.42	1969	14.28
30	YCSW4	1443	7.62	4538	10.39	2354	14.27
31	SBLK125	1618	7.62	4923	10.39	2475	14.27
32	SLCS125	1296	7.64	4146	10.42	2126	14.28
33	SBLK142	1771	7.62	5945	10.39	3007	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.



SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1255	7.644	4297	10.42	2316	14.28
	UPPER LIMIT	2510	8.144	8594	10.924	4632	14.784
	LOWER LIMIT	627.5	7.144	2148.5	9.924	1158	13.784
	EPA SAMPLE NO.						
01	SBLK095	2296	7.62	7496	10.39	4129	14.27
02	SBLK104	1525	7.62	5033	10.39	2699	14.27
03	E0MC0	1339	7.62	4343	10.40	2361	14.27
04	E0MC0MS	1279	7.64	4251	10.42	2236	14.28
05	E0MC0MSD	1488	7.64	4693	10.42	2479	14.28
06	YCSW1	1670	7.62	5354	10.39	2920	14.27
07	E0MC3	1642	7.62	5186	10.39	2722	14.27
08	E0MC4	1691	7.62	5483	10.39	3030	14.27
09	E0MC5	1700	7.63	5573	10.39	2981	14.27
10	E0MC6	1575	7.62	5084	10.39	2785	14.27
11	SLCS095	1116	7.65	3722	10.43	1982	14.28
12	SLCS104	1216	7.64	3916	10.42	2143	14.28
13	YCSSL0	1462	7.63	4673	10.39	2647	14.27
14	YCSSL0MS	1385	7.63	4314	10.41	2414	14.27
15	YCSSL0MSD	1278	7.63	4024	10.40	2208	14.27
16	SLCS123	1542	7.63	4748	10.41	2326	14.27



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4069 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM045089.D Time Analyzed: 18:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1255	7.644	4297	10.42	2316	14.28
UPPER LIMIT	2510	8.144	8594	10.924	4632	14.784
LOWER LIMIT	627.5	7.144	2148.5	9.924	1158	13.784
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.



SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

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

Form VIII SV-1



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4070 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BM045106.D Time Analyzed: 05:26

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	1432	7.631	4544	10.41	2399	14.28
UPPER LIMIT	2864	8.131	9088	10.913	4798	14.78
LOWER LIMIT	716	7.131	2272	9.913	1199.5	13.78
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.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4071 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BM045123.D Time Analyzed: 07:14

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	1514	7.648	4983	10.42	2368	14.28
UPPER LIMIT	3028	8.148	9966	10.919	4736	14.78
LOWER LIMIT	757	7.148	2491.5	9.919	1184	13.78
EPA SAMPLE NO.						
01 SBLK142	1771	7.62	5945	10.39	3007	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 09:32

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	SBLK095	9359	17.03	6497	21.26	6418	23.46
02	SBLK104	5942	17.03	3896	21.26	3472 *	23.46
03	E0MC0	5185	17.03	3606 *	21.25	3184 *	23.46
04	E0MC0MS	4656	17.04	3535 *	21.25	4168 *	23.47
05	E0MC0MSD	4926	17.04	3839	21.25	4725	23.47
06	YCSW1	6412	17.03	4631	21.26	4468 *	23.46
07	E0MC3	5635	17.03	3858	21.26	3518 *	23.46
08	E0MC4	6614	17.03	4741	21.26	4354 *	23.46
09	E0MC5	5619	17.03	3600 *	21.26	3084 *	23.46
10	E0MC6	6024	17.03	4305	21.26	3817 *	23.46
11	SLCS095	4020	17.06	2962 *	21.26	3684 *	23.48
12	SLCS104	4814	17.05	3355 *	21.26	4106 *	23.48
13	YCSSL0	5897	17.03	5067	21.25	4706	23.46
14	YCSSL0MS	5192	17.04	4703	21.24	5498	23.46
15	YCSSL0MSD	4708	17.04	4181	21.24	4877	23.46
16	SLCS123	4855	17.04	3648	21.25	4644	23.47
17	SBLK123	5308	17.03	3687	21.26	3171 *	23.46
18	SBLK083	5158	17.03	3563 *	21.26	3145 *	23.46
19	SBLK086	5530	17.03	3677	21.26	3197 *	23.46
20	YCSQ2	6654	17.03	4866	21.26	4544 *	23.46
21	YCSQ2MS	4070	17.05	3058 *	21.25	3891 *	23.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 23:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	YCSQ2MSD	3898	17.05	2846 *	21.25	3521 *	23.47
23	YCSQ6	5246	17.03	3764	21.25	3358 *	23.45
24	E0MB7	5172	17.03	3869	21.25	3545 *	23.45
25	E0MB9	5119	17.03	3707	21.25	3318 *	23.45
26	E0MC1	5421	17.03	4149	21.25	4013 *	23.45
27	E0MC2	4637	17.03	3423 *	21.26	2804 *	23.45
28	SLCS086	4155	17.05	3038 *	21.25	3788 *	23.47
29	SLCS083	4146	17.05	2806 *	21.26	3492 *	23.48
30	YCSW4	5186	17.03	3614 *	21.26	3185 *	23.46
31	SBLK125	5030	17.03	3370 *	21.26	2879 *	23.46
32	SLCS125	4114	17.06	2916 *	21.26	3689 *	23.48
33	SBLK142	5763	17.03	3208 *	21.26	2416 *	23.46

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.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4069 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM045089.D Time Analyzed: 09:32

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	4971	17.056	3371	21.255	4201	23.476
	UPPER LIMIT	9942	17.556	6742	21.755	8402	23.976
	LOWER LIMIT	2485.5	16.556	1685.5	20.755	2100.5	22.976
	EPA SAMPLE NO.						
01	SBLK095	9359	17.03	6497	21.26	6418	23.46
02	SBLK104	5942	17.03	3896	21.26	3472	23.46
03	E0MC0	5185	17.03	3606	21.25	3184	23.46
04	E0MC0MS	4656	17.04	3535	21.25	4168	23.47
05	E0MC0MSD	4926	17.04	3839	21.25	4725	23.47
06	YCSW1	6412	17.03	4631	21.26	4468	23.46
07	E0MC3	5635	17.03	3858	21.26	3518	23.46
08	E0MC4	6614	17.03	4741	21.26	4354	23.46
09	E0MC5	5619	17.03	3600	21.26	3084	23.46
10	E0MC6	6024	17.03	4305	21.26	3817	23.46
11	SLCS095	4020	17.06	2962	21.26	3684	23.48
12	SLCS104	4814	17.05	3355	21.26	4106	23.48
13	YCSSL0	5897	17.03	5067	21.25	4706	23.46
14	YCSSL0MS	5192	17.04	4703	21.24	5498	23.46
15	YCSSL0MSD	4708	17.04	4181	21.24	4877	23.46
16	SLCS123	4855	17.04	3648	21.25	4644	23.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4069 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM045089.D Time Analyzed: 18:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	4971	17.056	3371	21.255	4201	23.476
UPPER LIMIT	9942	17.556	6742	21.755	8402	23.976
LOWER LIMIT	2485.5	16.556	1685.5	20.755	2100.5	22.976
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.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4070 Date Analyzed: Apr 10 2024 12:00AM

Lab File ID: BM045106.D Time Analyzed: 20:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5171	17.044	3822	21.254	4883	23.472
	UPPER LIMIT	10342	17.544	7644	21.754	9766	23.972
	LOWER LIMIT	2585.5	16.544	1911	20.754	2441.5	22.972
	EPA SAMPLE NO.						
01	SBLK123	5308	17.03	3687	21.26	3171	23.46
02	SBLK083	5158	17.03	3563	21.26	3145	23.46
03	SBLK086	5530	17.03	3677	21.26	3197	23.46
04	YCSQ2	6654	17.03	4866	21.26	4544	23.46
05	YCSQ2MS	4070	17.05	3058	21.25	3891	23.47
06	YCSQ2MSD	3898	17.05	2846	21.25	3521	23.47
07	YCSQ6	5246	17.03	3764	21.25	3358	23.45
08	E0MB7	5172	17.03	3869	21.25	3545	23.45
09	E0MB9	5119	17.03	3707	21.25	3318	23.45
10	E0MC1	5421	17.03	4149	21.25	4013	23.45
11	E0MC2	4637	17.03	3423	21.26	2804	23.45
12	SLCS086	4155	17.05	3038	21.25	3788	23.47
13	SLCS083	4146	17.05	2806	21.26	3492	23.48
14	YCSW4	5186	17.03	3614	21.26	3185	23.46
15	SBLK125	5030	17.03	3370	21.26	2879	23.46
16	SLCS125	4114	17.06	2916	21.26	3689	23.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4070 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BM045106.D Time Analyzed: 05:26

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	5171	17.044	3822	21.254	4883	23.472
UPPER LIMIT	10342	17.544	7644	21.754	9766	23.972
LOWER LIMIT	2585.5	16.544	1911	20.754	2441.5	22.972
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.: BM041024 SAS No.: BM041024 SDG NO.: BM041024

EPA Sample No.: SSTD0.4071 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BM045123.D Time Analyzed: 07:14

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

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	4574	17.057	3067	21.259	3842	23.478
UPPER LIMIT	9148	17.557	6134	21.759	7684	23.978
LOWER LIMIT	2287	16.557	1533.5	20.759	1921	22.978
EPA SAMPLE NO.						
SBLK142	5763	17.03	3208	21.26	2416	23.46

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.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160083BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.4	ug/L	100				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				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	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.66	ug/L	83				0	0	
	Phenanthrene	0.4	0.37	ug/L	93				0	0	
	Anthracene	0.4	0.38	ug/L	95				0	0	
	Fluoranthene	0.4	0.49	ug/L	123				0	0	
	Pyrene	0.4	0.5	ug/L	125				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.44	ug/L	110				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				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.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160086BS	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	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.36	ug/L	90				0	0	
	Pentachlorophenol	0.8	0.76	ug/L	95				0	0	
	Phenanthrene	0.4	0.39	ug/L	98				0	0	
	Anthracene	0.4	0.39	ug/L	98				0	0	
	Fluoranthene	0.4	0.49	ug/L	123				0	0	
	Pyrene	0.4	0.48	ug/L	120				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.42	ug/L	105				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				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	0.35	ug/L	88				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.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160095BS	1,4-Dioxane	2	2.5	ug/L	125				0	0		
	Naphthalene	0.4	0.44	ug/L	110				0	0		
	1-Methylnaphthalene	0.4	0.42	ug/L	105				0	0		
	2-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	Acenaphthylene	0.4	0.45	ug/L	113				0	0		
	Acenaphthene	0.4	0.45	ug/L	113				0	0		
	Fluorene	0.4	0.43	ug/L	108				0	0		
	Pentachlorophenol	0.8	0.92	ug/L	115				0	0		
	Phenanthrene	0.4	0.45	ug/L	113				0	0		
	Anthracene	0.4	0.47	ug/L	117				0	0		
	Fluoranthene	0.4	0.58	ug/L	145				0	0		
	Pyrene	0.4	0.57	ug/L	143				0	0		
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0		
	Chrysene	0.4	0.49	ug/L	123				0	0		
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0		
	Benzo(a)pyrene	0.4	0.46	ug/L	115				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				0	0		
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				0	0		
	Benzo(g,h,i)perylene	0.4	0.46	ug/L	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160104BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.46	ug/L	115				0	0	
	1-Methylnaphthalene	0.4	0.45	ug/L	113				0	0	
	2-Methylnaphthalene	0.4	0.46	ug/L	115				0	0	
	Acenaphthylene	0.4	0.46	ug/L	115				0	0	
	Acenaphthene	0.4	0.47	ug/L	117				0	0	
	Fluorene	0.4	0.45	ug/L	113				0	0	
	Pentachlorophenol	0.8	0.89	ug/L	111				0	0	
	Phenanthrene	0.4	0.44	ug/L	110				0	0	
	Anthracene	0.4	0.45	ug/L	113				0	0	
	Fluoranthene	0.4	0.59	ug/L	147				0	0	
	Pyrene	0.4	0.59	ug/L	147				0	0	
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0	
	Chrysene	0.4	0.52	ug/L	130				0	0	
	Benzo(b)fluoranthene	0.4	0.47	ug/L	117				0	0	
	Benzo(k)fluoranthene	0.4	0.51	ug/L	128				0	0	
	Benzo(a)pyrene	0.4	0.49	ug/L	123				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0	
	Dibenzo(a,h)anthracene	0.4	0.45	ug/L	113				0	0	
	Benzo(g,h,i)perylene	0.4	0.5	ug/L	125				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160123BS	1,4-Dioxane	2	1.8	ug/L	90				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				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	0.76	ug/L	95				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.35	ug/L	88				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	0.39	ug/L	98				0	0	
	Chrysene	0.4	0.38	ug/L	95				0	0	
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0	
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160125BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				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	0.73	ug/L	91				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	0.48	ug/L	120				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK083

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045108.D

Lab Sample ID: PB160083BL

Instrument ID: BNA_M

Date Extracted: 04/07/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 21:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSQ2	P1982-06	BM045110.D	04/10/2024
YCSQ2MS	P1982-07MS	BM045111.D	04/10/2024
YCSQ2MSD	P1982-08MSD	BM045112.D	04/10/2024
PB160083BS	PB160083BS	BM045119.D	04/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK086

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045109.D

Lab Sample ID: PB160086BL

Instrument ID: BNA_M

Date Extracted: 04/07/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 21:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSQ6	P1982-10	BM045113.D	04/11/2024
E0MB7	P2013-11	BM045114.D	04/11/2024
E0MB9	P2013-13	BM045115.D	04/11/2024
E0MC1	P2013-17	BM045116.D	04/11/2024
E0MC2	P2013-18	BM045117.D	04/11/2024
PB160086BS	PB160086BS	BM045118.D	04/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK095

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045090.D

Lab Sample ID: PB160095BL

Instrument ID: BNA_M

Date Extracted: 04/08/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 09:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160095BS	PB160095BS	BM045100.D	04/10/2024
E0MC0	P2013-14	BM045092.D	04/10/2024
E0MC0MS	P2013-15MS	BM045093.D	04/10/2024
E0MC0MSD	P2013-16MSD	BM045094.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK104

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045091.D

Lab Sample ID: PB160104BL

Instrument ID: BNA_M

Date Extracted: 04/08/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 10:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160104BS	PB160104BS	BM045101.D	04/10/2024
YCSW1	P1973-12	BM045095.D	04/10/2024
E0MC3	P2013-19	BM045096.D	04/10/2024
E0MC4	P2013-20	BM045097.D	04/10/2024
E0MC5	P2013-21	BM045098.D	04/10/2024
E0MC6	P2013-22	BM045099.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK123

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045107.D

Lab Sample ID: PB160123BL

Instrument ID: BNA_M

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/10/2024

Level: (low/med) LOW

Time Analyzed: 20:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSSL	P1973-09	BM045102.D	04/10/2024
YCSSLMS	P1973-10MS	BM045103.D	04/10/2024
YCSSLMSD	P1973-11MSD	BM045104.D	04/10/2024
PB160123BS	PB160123BS	BM045105.D	04/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK125

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045121.D

Lab Sample ID: PB160125BL

Instrument ID: BNA_M

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/11/2024

Level: (low/med) LOW

Time Analyzed: 04:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160125BS	PB160125BS	BM045122.D	04/11/2024
YCSW4	P1973-13	BM045120.D	04/11/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK142

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM041024

SAS No.: BM041024 SDG NO.: BM041024

Lab File ID: BM045124.D

Lab Sample ID: PB160142BL

Instrument ID: BNA_M

Date Extracted: 04/09/2024

Matrix: (soil/water) Water

Date Analyzed: 04/11/2024

Level: (low/med) LOW

Time Analyzed: 07:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2013-15MS	Client Sample ID:	E0MC0MS					DataFile:	BM045093.D		
1,4-Dioxane	2		0.78	ug/L	39				15	120	
Naphthalene	0.4		0.36	ug/L	90				0	0	
1-Methylnaphthalene	0.4		0.35	ug/L	88				0	0	
2-Methylnaphthalene	0.4		0.38	ug/L	95				0	0	
Acenaphthylene	0.4		0.39	ug/L	98				0	0	
Acenaphthene	0.4		0.4	ug/L	100				46	118	
Fluorene	0.4		0.39	ug/L	98				0	0	
Pentachlorophenol	0.8		0.97	ug/L	121	*			9	103	
Phenanthrene	0.4		0.43	ug/L	108				0	0	
Anthracene	0.4		0.43	ug/L	108				0	0	
Fluoranthene	0.4		0.54	ug/L	135				0	0	
Pyrene	0.4		0.54	ug/L	135	*			26	127	
Benzo(a)anthracene	0.4		0.43	ug/L	108				0	0	
Chrysene	0.4		0.44	ug/L	110				0	0	
Benzo(b)fluoranthene	0.4		0.44	ug/L	110				0	0	
Benzo(k)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(a)pyrene	0.4		0.45	ug/L	113				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.42	ug/L	105				0	0	
Dibenzo(a,h)anthracene	0.4		0.4	ug/L	100				0	0	
Benzo(g,h,i)perylene	0.4		0.44	ug/L	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2013-16MSD	Client Sample ID:	E0MC0MSD					DataFile:	BM045094.D		
1,4-Dioxane	2		0.71	ug/L	36		8		15	120	50
Naphthalene	0.4		0.3	ug/L	75		18	*	0	0	0
1-Methylnaphthalene	0.4		0.3	ug/L	75		16	*	0	0	0
2-Methylnaphthalene	0.4		0.31	ug/L	78		20	*	0	0	0
Acenaphthylene	0.4		0.32	ug/L	80		20	*	0	0	0
Acenaphthene	0.4		0.33	ug/L	83		19		46	118	31
Fluorene	0.4		0.32	ug/L	80		20	*	0	0	0
Pentachlorophenol	0.8		0.85	ug/L	106	*	13		9	103	50
Phenanthrene	0.4		0.39	ug/L	98		10	*	0	0	0
Anthracene	0.4		0.38	ug/L	95		13	*	0	0	0
Fluoranthene	0.4		0.51	ug/L	128		5	*	0	0	0
Pyrene	0.4		0.5	ug/L	125		8		26	127	31
Benzo(a)anthracene	0.4		0.42	ug/L	105		3	*	0	0	0
Chrysene	0.4		0.43	ug/L	108		2	*	0	0	0
Benzo(b)fluoranthene	0.4		0.41	ug/L	103		7	*	0	0	0
Benzo(k)fluoranthene	0.4		0.42	ug/L	105		7	*	0	0	0
Benzo(a)pyrene	0.4		0.41	ug/L	103		9	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.4	ug/L	100		5	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.39	ug/L	98		2	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.42	ug/L	105		5	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1982-07MS	Client Sample ID:	YCSQ2MS					DataFile:	BM045111.D		
1,4-Dioxane	2	0.08	1.4	ug/L	66				15	120	
Naphthalene	0.4		0.44	ug/L	110				0	0	
1-Methylnaphthalene	0.4		0.42	ug/L	105				0	0	
2-Methylnaphthalene	0.4		0.43	ug/L	108				0	0	
Acenaphthylene	0.4		0.44	ug/L	110				0	0	
Acenaphthene	0.4		0.45	ug/L	113				46	118	
Fluorene	0.4		0.43	ug/L	108				0	0	
Pentachlorophenol	0.8		0.93	ug/L	116	*			9	103	
Phenanthrene	0.4		0.47	ug/L	117				0	0	
Anthracene	0.4		0.44	ug/L	110				0	0	
Fluoranthene	0.4		0.58	ug/L	145				0	0	
Pyrene	0.4		0.57	ug/L	143	*			26	127	
Benzo(a)anthracene	0.4		0.43	ug/L	108				0	0	
Chrysene	0.4		0.51	ug/L	128				0	0	
Benzo(b)fluoranthene	0.4		0.43	ug/L	108				0	0	
Benzo(k)fluoranthene	0.4		0.48	ug/L	120				0	0	
Benzo(a)pyrene	0.4		0.43	ug/L	108				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.42	ug/L	105				0	0	
Dibenzo(a,h)anthracene	0.4		0.42	ug/L	105				0	0	
Benzo(g,h,i)perylene	0.4		0.44	ug/L	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1982-08MSD	Client Sample ID:	YCSQ2MSD					DataFile:	BM045112.D		
1,4-Dioxane	2	0.08	1.3	ug/L	61		8		15	120	50
Naphthalene	0.4		0.4	ug/L	100		10	*	0	0	0
1-Methylnaphthalene	0.4		0.37	ug/L	93		12	*	0	0	0
2-Methylnaphthalene	0.4		0.38	ug/L	95		13	*	0	0	0
Acenaphthylene	0.4		0.4	ug/L	100		10	*	0	0	0
Acenaphthene	0.4		0.41	ug/L	103		9		46	118	31
Fluorene	0.4		0.39	ug/L	98		10	*	0	0	0
Pentachlorophenol	0.8		0.91	ug/L	114	*	2		9	103	50
Phenanthrene	0.4		0.44	ug/L	110		6	*	0	0	0
Anthracene	0.4		0.44	ug/L	110		0		0	0	0
Fluoranthene	0.4		0.57	ug/L	143		1	*	0	0	0
Pyrene	0.4		0.57	ug/L	143	*	0		26	127	31
Benzo(a)anthracene	0.4		0.43	ug/L	108		0		0	0	0
Chrysene	0.4		0.51	ug/L	128		0		0	0	0
Benzo(b)fluoranthene	0.4		0.45	ug/L	113		5	*	0	0	0
Benzo(k)fluoranthene	0.4		0.51	ug/L	128		6	*	0	0	0
Benzo(a)pyrene	0.4		0.47	ug/L	117		8	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.45	ug/L	113		7	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.44	ug/L	110		5	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.47	ug/L	117		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1973-10MS	Client Sample ID:	YC5S0MS					DataFile:	BM045103.D		
1,4-Dioxane	2	0.47	1.1	ug/L	32				15	120	
Naphthalene	0.4		0.38	ug/L	95				0	0	
1-Methylnaphthalene	0.4		0.39	ug/L	98				0	0	
2-Methylnaphthalene	0.4		0.41	ug/L	103				0	0	
Acenaphthylene	0.4		0.39	ug/L	98				0	0	
Acenaphthene	0.4		0.41	ug/L	103				46	118	
Fluorene	0.4		0.43	ug/L	108				0	0	
Pentachlorophenol	0.8		1.2	ug/L	150	*			9	103	
Phenanthrene	0.4		0.45	ug/L	113				0	0	
Anthracene	0.4		0.45	ug/L	113				0	0	
Fluoranthene	0.4		0.52	ug/L	130				0	0	
Pyrene	0.4		0.52	ug/L	130	*			26	127	
Benzo(a)anthracene	0.4		0.49	ug/L	123				0	0	
Chrysene	0.4		0.43	ug/L	108				0	0	
Benzo(b)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(k)fluoranthene	0.4		0.42	ug/L	105				0	0	
Benzo(a)pyrene	0.4		0.43	ug/L	108				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.41	ug/L	103				0	0	
Dibenzo(a,h)anthracene	0.4		0.42	ug/L	105				0	0	
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1973-11MSD	Client Sample ID:	YC5S0MSD					DataFile:	BM045104.D		
1,4-Dioxane	2	0.47	1.2	ug/L	37		14		15	120	50
Naphthalene	0.4		0.41	ug/L	103		8	*	0	0	0
1-Methylnaphthalene	0.4		0.42	ug/L	105		7	*	0	0	0
2-Methylnaphthalene	0.4		0.43	ug/L	108		5	*	0	0	0
Acenaphthylene	0.4		0.41	ug/L	103		5	*	0	0	0
Acenaphthene	0.4		0.43	ug/L	108		5		46	118	31
Fluorene	0.4		0.43	ug/L	108		0		0	0	0
Pentachlorophenol	0.8		0.9	ug/L	113	*	28		9	103	50
Phenanthrene	0.4		0.46	ug/L	115		2	*	0	0	0
Anthracene	0.4		0.45	ug/L	113		0		0	0	0
Fluoranthene	0.4		0.54	ug/L	135		4	*	0	0	0
Pyrene	0.4		0.53	ug/L	133	*	2		26	127	31
Benzo(a)anthracene	0.4		0.49	ug/L	123		0		0	0	0
Chrysene	0.4		0.43	ug/L	108		0		0	0	0
Benzo(b)fluoranthene	0.4		0.45	ug/L	113		0		0	0	0
Benzo(k)fluoranthene	0.4		0.42	ug/L	105		0		0	0	0
Benzo(a)pyrene	0.4		0.44	ug/L	110		2	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.42	ug/L	105		2	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.42	ug/L	105		0		0	0	0
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BM041024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1982-06	YCSQ2	BM045110.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P1982-07MS	YCSQ2MS	BM045111.D	1,4-Dioxane-d8	0.8	0.42	53		15	120
			Fluoranthene-d10	0.4	0.55	138	*	30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P1982-08MSD	YCSQ2MSD	BM045112.D	1,4-Dioxane-d8	0.8	0.39	49		15	120
			Fluoranthene-d10	0.4	0.55	138	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB160083BL	PB160083BL	BM045108.D	1,4-Dioxane-d8	8	5.87	73		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB160083BS	PB160083BS	BM045119.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: **BM041024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1982-10	YCSQ6	BM045113.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Fluoranthene-d10	0.4	0.56	140	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P2013-11	E0MB7	BM045114.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Fluoranthene-d10	0.4	0.55	136	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P2013-13	E0MB9	BM045115.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Fluoranthene-d10	0.4	0.55	138	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
P2013-17	E0MC1	BM045116.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P2013-18	E0MC2	BM045117.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB160086BL	PB160086BL	BM045109.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB160086BS	PB160086BS	BM045118.D	1,4-Dioxane-d8	0.8	0.77	96		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130

Surrogate Summary

SW-846

SDG No.: **BM041024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2013-14	E0MC0	BM045092.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Fluoranthene-d10	0.4	0.62	154	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P2013-15MS	E0MC0MS	BM045093.D	1,4-Dioxane-d8	0.8	0.32	40		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2013-16MSD	E0MC0MSD	BM045094.D	1,4-Dioxane-d8	0.8	0.22	27		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
PB160095BL	PB160095BL	BM045090.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130
PB160095BS	PB160095BS	BM045100.D	1,4-Dioxane-d8	0.8	0.87	109		15	120
			Fluoranthene-d10	0.4	0.56	139	*	30	130
			2-Methylnaphthalene-d10	0.4	0.43	108		30	130

Surrogate Summary

SW-846

SDG No.: **BM041024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-12	YCSW1	BM045095.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.50	126		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2013-19	E0MC3	BM045096.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P2013-20	E0MC4	BM045097.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P2013-21	E0MC5	BM045098.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Fluoranthene-d10	0.4	0.64	161	*	30	130
			2-Methylnaphthalene-d10	0.4	0.45	111		30	130
P2013-22	E0MC6	BM045099.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
PB160104BL	PB160104BL	BM045091.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
PB160104BS	PB160104BS	BM045101.D	1,4-Dioxane-d8	0.8	0.93	116		15	120
			Fluoranthene-d10	0.4	0.57	141	*	30	130
			2-Methylnaphthalene-d10	0.4	0.45	111		30	130



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

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1973-09	YCSSL	BM045102.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
P1973-10MS	YCSSLMS	BM045103.D	1,4-Dioxane-d8	0.8	0.19	24		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130
P1973-11MSD	YCSSLMSD	BM045104.D	1,4-Dioxane-d8	0.8	0.21	26		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
PB160123BL	PB160123BL	BM045107.D	1,4-Dioxane-d8	8	6.14	77		15	120
			Fluoranthene-d10	0.4	0.45	111		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB160123BS	PB160123BS	BM045105.D	1,4-Dioxane-d8	0.8	0.63	79		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130



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Surrogate Summary

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1973-13	YCSW4	BM045120.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Fluoranthene-d10	0.4	0.59	147	*	30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
PB160125BL	PB160125BL	BM045121.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160125BS	PB160125BS	BM045122.D	1,4-Dioxane-d8	0.8	0.74	93		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130



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

SW-846

SDG No.: BM041024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB160142BL	PB160142BL	BM045124.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM041024

Lab Code: CHEM

SAS No.: BM041024

SDG NO.: BM041024

Lab File ID: BM045088.D

DFTPP Injection Date: 04/10/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.2
68	Less than 2.0% of mass 69	0.8 (1.6) 1
69	Mass 69 relative abundance	51.5
70	Less than 2.0% of mass 69	0.4 (0.8) 1
127	10.0 - 80.0% of mass 198	59.4
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	6.7
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	83.6
443	15.0 - 24.0% of mass 442	16 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4069	SSTDCCC0.4	BM045089.D	04/10/2024	08:56
SBLK095	PB160095BL	BM045090.D	04/10/2024	09:32
SBLK104	PB160104BL	BM045091.D	04/10/2024	10:08
E0MC0	P2013-14	BM045092.D	04/10/2024	10:44
E0MC0MS	P2013-15MS	BM045093.D	04/10/2024	11:20
E0MC0MSD	P2013-16MSD	BM045094.D	04/10/2024	11:57
YCSW1	P1973-12	BM045095.D	04/10/2024	12:33
E0MC3	P2013-19	BM045096.D	04/10/2024	13:09
E0MC4	P2013-20	BM045097.D	04/10/2024	13:45
E0MC5	P2013-21	BM045098.D	04/10/2024	14:21
E0MC6	P2013-22	BM045099.D	04/10/2024	14:58
SLCS095	PB160095BS	BM045100.D	04/10/2024	15:34
SLCS104	PB160104BS	BM045101.D	04/10/2024	16:10
YCSSL0	P1973-09	BM045102.D	04/10/2024	16:47
YCSSL0MS	P1973-10MS	BM045103.D	04/10/2024	17:23
YCSSL0MSD	P1973-11MSD	BM045104.D	04/10/2024	18:00
SLCS123	PB160123BS	BM045105.D	04/10/2024	18:36
SSTD0.4070	SSTDCCC0.4	BM045106.D	04/10/2024	19:48

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1-Value is % mass 69

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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
SBLK123	PB160123BL	BM045107.D	04/10/2024	20:25
SBLK083	PB160083BL	BM045108.D	04/10/2024	21:01
SBLK086	PB160086BL	BM045109.D	04/10/2024	21:37
YCSQ2	P1982-06	BM045110.D	04/10/2024	22:13
YCSQ2MS	P1982-07MS	BM045111.D	04/10/2024	22:49
YCSQ2MSD	P1982-08MSD	BM045112.D	04/10/2024	23:25
YCSQ6	P1982-10	BM045113.D	04/11/2024	00:02
E0MB7	P2013-11	BM045114.D	04/11/2024	00:38
E0MB9	P2013-13	BM045115.D	04/11/2024	01:14
E0MC1	P2013-17	BM045116.D	04/11/2024	01:50
E0MC2	P2013-18	BM045117.D	04/11/2024	02:26
SLCS086	PB160086BS	BM045118.D	04/11/2024	03:02
SLCS083	PB160083BS	BM045119.D	04/11/2024	03:38
YCSW4	P1973-13	BM045120.D	04/11/2024	04:14
SBLK125	PB160125BL	BM045121.D	04/11/2024	04:50
SLCS125	PB160125BS	BM045122.D	04/11/2024	05:26
SSTD0.4071	SSTDCCC0.4	BM045123.D	04/11/2024	06:38
SBLK142	PB160142BL	BM045124.D	04/11/2024	07:14