

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG No.: BM042024
Instrument ID: BNA_M Calibration Date/Time: 4/20/2024 1: 22:53
Lab File ID: BM045436.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4083 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.643	0.010	24.6429	40.0
1,4-Dioxane-d8	0.536	0.616	0.010	14.9085	40.0
Naphthalene	1.074	1.127	0.600	4.8892	30.0
1-Methylnaphthalene	0.688	0.705	0.300	2.5209	30.0
2-Methylnaphthalene	0.614	0.653	0.300	6.5011	30.0
Acenaphthylene	1.973	1.990	0.900	0.856	30.0
Acenaphthene	1.465	1.482	0.500	1.1754	30.0
Fluorene	1.567	1.560	0.700	-0.4673	30.0
Pentachlorophenol	0.080	0.067	0.010	-15.821	50.0
Phenanthrene	1.165	1.164	0.300	-0.1102	30.0
Anthracene	1.090	1.077	0.400	-1.1907	30.0
Fluoranthene	1.846	1.979	0.400	7.2001	30.0
Pyrene	1.897	2.037	0.500	7.341	30.0
Benzo (a) anthracene	1.279	1.232	0.400	-3.6372	30.0
Chrysene	1.966	2.061	0.400	4.8434	30.0
Benzo (b) fluoranthene	1.346	1.375	0.200	2.1781	30.0
Benzo (k) fluoranthene	1.700	1.838	0.200	8.1179	30.0
Benzo (a) pyrene	1.395	1.402	0.200	0.4998	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.074	0.200	2.2364	30.0
Dibenzo (a,h) anthracene	1.609	1.624	0.200	0.9553	30.0
Benzo (g,h,i) perylene	1.822	1.885	0.200	3.4468	30.0
Fluoranthene-d10	1.259	1.362	0.400	8.1104	30.0
2-Methylnaphthalene-d10	0.528	0.553	0.300	4.9054	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.: BM042024 SAS No.: BM042024 SDG No.: BM042024
Instrument ID: BNA_M Calibration Date/Time: 4/21/2024 1:09:44
Lab File ID: BM045453.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4084 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.671	0.010	30.167	40.0
1,4-Dioxane-d8	0.536	0.586	0.010	9.2388	40.0
Naphthalene	1.074	1.100	0.600	2.4454	30.0
1-Methylnaphthalene	0.688	0.726	0.300	5.5904	30.0
2-Methylnaphthalene	0.614	0.665	0.300	8.3958	30.0
Acenaphthylene	1.973	1.979	0.900	0.2971	30.0
Acenaphthene	1.465	1.491	0.500	1.745	30.0
Fluorene	1.567	1.588	0.700	1.3404	30.0
Pentachlorophenol	0.080	0.060	0.010	-25.2558	50.0
Phenanthrene	1.165	1.161	0.300	-0.2956	30.0
Anthracene	1.090	1.065	0.400	-2.2487	30.0
Fluoranthene	1.846	2.135	0.400	15.6653	30.0
Pyrene	1.897	2.237	0.500	17.9029	30.0
Benzo (a) anthracene	1.279	1.335	0.400	4.3923	30.0
Chrysene	1.966	2.153	0.400	9.516	30.0
Benzo (b) fluoranthene	1.346	1.392	0.200	3.4318	30.0
Benzo (k) fluoranthene	1.700	1.746	0.200	2.7131	30.0
Benzo (a) pyrene	1.395	1.462	0.200	4.7337	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.072	0.200	2.1659	30.0
Dibenzo (a,h) anthracene	1.609	1.622	0.200	0.8289	30.0
Benzo (g,h,i) perylene	1.822	1.891	0.200	3.7677	30.0
Fluoranthene-d10	1.259	1.458	0.400	15.7631	30.0
2-Methylnaphthalene-d10	0.528	0.547	0.300	3.7087	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.: BM042024 SAS No.: BM042024 SDG No.: BM042024

Instrument ID: BNA_M Calibration Date/Time: 4/21/2024 1: 21:11

Lab File ID: BM045471.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4085 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.533	0.010	3.2954	50.0
1,4-Dioxane-d8	0.536	0.533	0.010	-0.6315	50.0
Naphthalene	1.074	1.097	0.600	2.0812	50.0
1-Methylnaphthalene	0.688	0.700	0.300	1.7634	50.0
2-Methylnaphthalene	0.614	0.632	0.300	3.0355	50.0
Acenaphthylene	1.973	2.008	0.900	1.8095	50.0
Acenaphthene	1.465	1.492	0.500	1.8661	50.0
Fluorene	1.567	1.579	0.700	0.7793	50.0
Pentachlorophenol	0.080	0.087	0.010	9.3706	50.0
Phenanthrene	1.165	1.182	0.300	1.4612	50.0
Anthracene	1.090	1.158	0.400	6.2567	50.0
Fluoranthene	1.846	1.768	0.400	-4.2186	50.0
Pyrene	1.897	1.842	0.500	-2.9367	50.0
Benzo (a) anthracene	1.279	1.433	0.400	12.0893	50.0
Chrysene	1.966	1.853	0.400	-5.7503	50.0
Benzo (b) fluoranthene	1.346	1.386	0.200	2.9932	50.0
Benzo (k) fluoranthene	1.700	1.655	0.200	-2.6735	50.0
Benzo (a) pyrene	1.395	1.448	0.200	3.7747	50.0
Indeno (1,2,3-cd) pyrene	2.028	2.136	0.200	5.3185	50.0
Dibenzo (a,h) anthracene	1.609	1.691	0.200	5.1349	50.0
Benzo (g,h,i) perylene	1.822	1.846	0.200	1.2947	50.0
Fluoranthene-d10	1.259	1.211	0.400	-3.8822	50.0
2-Methylnaphthalene-d10	0.528	0.521	0.300	-1.2044	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD0.4082			SDG No.:	BM042024		
Lab Sample ID:	SSTDCCC0.4			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045421.D	1		4/20/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		29	0	200	ug/L
91-20-3	Naphthalene	400		4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	400		15	50	100	ug/L
91-57-6	2-Methylnaphthalene	430		5.3	50	100	ug/L
208-96-8	Acenaphthylene	410		12	50	100	ug/L
83-32-9	Acenaphthene	410		7.4	50	100	ug/L
86-73-7	Fluorene	410		6.7	50	100	ug/L
87-86-5	Pentachlorophenol	420		63	100	200	ug/L
85-01-8	Phenanthrene	400		6.8	50	100	ug/L
120-12-7	Anthracene	410		8	50	100	ug/L
206-44-0	Fluoranthene	370		7.9	50	100	ug/L
129-00-0	Pyrene	380		6	50	100	ug/L
56-55-3	Benzo(a)anthracene	420		3.6	50	100	ug/L
218-01-9	Chrysene	400		7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	400		13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	390		9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	400		17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	390		22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	385	*	15-120		4813	SPK: -8
93951-69-0	Fluoranthene-d10	385	*	30-130		96250	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	400	*	30-130		100000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	885		7.576			
1146-65-2	Naphthalene-d8	2383		10.369			
15067-26-2	Acenaphthene-d10	1194		14.228			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD0.4082			SDG No.:	BM042024		
Lab Sample ID:	SSTDCCC0.4			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045421.D	1		4/20/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2413	17.005				
1719-03-5	Chrysene-d12	1794	21.214				
1520-96-3	Perylene-d12	2564	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SICV035	SDG No.:	BM042024
Lab Sample ID:	SSTDICV0.4	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045428.D	1		4/20/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460		29	0	200	ug/L
91-20-3	Naphthalene	450		4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	410		15	50	100	ug/L
91-57-6	2-Methylnaphthalene	480		5.3	50	100	ug/L
208-96-8	Acenaphthylene	460		12	50	100	ug/L
83-32-9	Acenaphthene	440		7.4	50	100	ug/L
86-73-7	Fluorene	450		6.7	50	100	ug/L
87-86-5	Pentachlorophenol	340		63	100	200	ug/L
85-01-8	Phenanthrene	450		6.8	50	100	ug/L
120-12-7	Anthracene	440		8	50	100	ug/L
206-44-0	Fluoranthene	480		7.9	50	100	ug/L
129-00-0	Pyrene	490		6	50	100	ug/L
56-55-3	Benzo(a)anthracene	400		3.6	50	100	ug/L
218-01-9	Chrysene	480		7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	450		13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	430		9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	450		17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	430		22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	434	*	15-120		5425	SPK: -8
93951-69-0	Fluoranthene-d10	479	*	30-130		119750	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	459	*	30-130		114750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	655		7.589			
1146-65-2	Naphthalene-d8	1963		10.375			
15067-26-2	Acenaphthene-d10	1072		14.233			

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SICV035	SDG No.:	BM042024
Lab Sample ID:	SSTDICV0.4	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045428.D	1		4/20/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1971	17.005				
1719-03-5	Chrysene-d12	1159	21.225				
1520-96-3	Perylene-d12	1582	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK293	SDG No.:	BM042024
Lab Sample ID:	PB160293BL	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
BM045429.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

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	5.462		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.415		30-130		104	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	852		7.568			
1146-65-2	Naphthalene-d8	2632		10.33			
15067-26-2	Acenaphthene-d10	1503		14.214			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK293	SDG No.:	BM042024
Lab Sample ID:	PB160293BL	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
BM045429.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3037	16.98				
1719-03-5	Chrysene-d12	1685	21.225				
1520-96-3	Perylene-d12	1230	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK333	SDG No.:	BM042024
Lab Sample ID:	PB160333BL	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
BM045430.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160333

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	5.261		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.379		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	922		7.568			
1146-65-2	Naphthalene-d8	2843		10.33			
15067-26-2	Acenaphthene-d10	1633		14.214			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK333	SDG No.:	BM042024
Lab Sample ID:	PB160333BL	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
BM045430.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3357	16.975				
1719-03-5	Chrysene-d12	1921	21.225				
1520-96-3	Perylene-d12	1437	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCST2	SDG No.:	BM042024
Lab Sample ID:	P2053-04	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
BM045431.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

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	4.388		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.562	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.47		30-130		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	833		7.572			
1146-65-2	Naphthalene-d8	2582		10.331			
15067-26-2	Acenaphthene-d10	1498		14.214			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	YCST2	SDG No.:	BM042024
Lab Sample ID:	P2053-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045431.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3083	16.976				
1719-03-5	Chrysene-d12	1800	21.222				
1520-96-3	Perylene-d12	1271	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSSL4	SDG No.:	BM042024
Lab Sample ID:	P2053-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045432.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

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	0.0043	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	3.387		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.342		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	957	7.568				
1146-65-2	Naphthalene-d8	3048	10.331				
15067-26-2	Acenaphthene-d10	1784	14.215				

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSSL4	SDG No.:	BM042024
Lab Sample ID:	P2053-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045432.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3650	16.976				
1719-03-5	Chrysene-d12	2070	21.221				
1520-96-3	Perylene-d12	1807	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YC55	SDG No.:	BM042024
Lab Sample ID:	P2053-06	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
BM045433.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		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	3.928		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.477		30-130		119	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	883		7.568			
1146-65-2	Naphthalene-d8	2740		10.331			
15067-26-2	Acenaphthene-d10	1544		14.214			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YC555	SDG No.:	BM042024
Lab Sample ID:	P2053-06	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
BM045433.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3035	16.976				
1719-03-5	Chrysene-d12	1717	21.22				
1520-96-3	Perylene-d12	1553	23.406				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCST3	SDG No.:	BM042024
Lab Sample ID:	P2053-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045434.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.5		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	3.378		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.362		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	939	7.564				
1146-65-2	Naphthalene-d8	2868	10.331				
15067-26-2	Acenaphthene-d10	1634	14.214				

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCST3	SDG No.:	BM042024
Lab Sample ID:	P2053-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045434.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3345	16.976				
1719-03-5	Chrysene-d12	1953	21.219				
1520-96-3	Perylene-d12	1626	23.405				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SLCS333	SDG No.:	BM042024
Lab Sample ID:	PB160333BS	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
BM045435.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160333

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	0.45		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.45		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.42		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.92		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	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.41		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.46		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.48		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	0.47		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.853		15-120		107	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.401		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	634		7.585			
1146-65-2	Naphthalene-d8	1829		10.38			
15067-26-2	Acenaphthene-d10	960		14.233			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SLCS333	SDG No.:	BM042024
Lab Sample ID:	PB160333BS	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
BM045435.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1916	17.005				
1719-03-5	Chrysene-d12	1423	21.214				
1520-96-3	Perylene-d12	1931	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK291	SDG No.:	BM042024
Lab Sample ID:	PB160291BL	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
BM045437.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160291

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	6.301		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	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	712		7.568			
1146-65-2	Naphthalene-d8	2133		10.33			
15067-26-2	Acenaphthene-d10	1106		14.214			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK291	SDG No.:	BM042024
Lab Sample ID:	PB160291BL	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
BM045437.D	1	4/16/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2115	16.975				
1719-03-5	Chrysene-d12	1470	21.225				
1520-96-3	Perylene-d12	1322	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK406	SDG No.:	BM042024
Lab Sample ID:	PB160406BL	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
BM045438.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

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	5.776		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	835		7.568			
1146-65-2	Naphthalene-d8	2672		10.325			
15067-26-2	Acenaphthene-d10	1522		14.214			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK406	SDG No.:	BM042024
Lab Sample ID:	PB160406BL	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
BM045438.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3102	16.976				
1719-03-5	Chrysene-d12	1709	21.225				
1520-96-3	Perylene-d12	1170	23.403				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL9	SDG No.:	BM042024
Lab Sample ID:	P2077-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045439.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.351		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.484		30-130		121	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	907		7.568			
1146-65-2	Naphthalene-d8	2885		10.331			
15067-26-2	Acenaphthene-d10	1700		14.214			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL9	SDG No.:	BM042024
Lab Sample ID:	P2077-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045439.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3465	16.976				
1719-03-5	Chrysene-d12	1961	21.222				
1520-96-3	Perylene-d12	1503	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG8	SDG No.:	BM042024
Lab Sample ID:	P2117-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045440.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.075		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	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	939		7.564			
1146-65-2	Naphthalene-d8	3016		10.325			
15067-26-2	Acenaphthene-d10	1718		14.214			

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	E0MG8	SDG No.:	BM042024
Lab Sample ID:	P2117-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045440.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3700	16.976				
1719-03-5	Chrysene-d12	2421	21.202				
1520-96-3	Perylene-d12	2126	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MG9	SDG No.:	BM042024
Lab Sample ID:	P2117-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045441.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.733		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.388		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	907		7.564			
1146-65-2	Naphthalene-d8	2951		10.325			
15067-26-2	Acenaphthene-d10	1651		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MG9	SDG No.:	BM042024
Lab Sample ID:	P2117-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045441.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3477	16.976				
1719-03-5	Chrysene-d12	2274	21.204				
1520-96-3	Perylene-d12	2147	23.393				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH1	SDG No.:	BM042024
Lab Sample ID:	P2117-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045442.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.535		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.369		30-130		92	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	1030		7.564			
1146-65-2	Naphthalene-d8	3290		10.325			
15067-26-2	Acenaphthene-d10	1955		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH1	SDG No.:	BM042024
Lab Sample ID:	P2117-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045442.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	4023	16.976				
1719-03-5	Chrysene-d12	2535	21.205				
1520-96-3	Perylene-d12	2319	23.394				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH2	SDG No.:	BM042024
Lab Sample ID:	P2117-06	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
BM045443.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.052		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.274		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1172		7.563			
1146-65-2	Naphthalene-d8	3606		10.325			
15067-26-2	Acenaphthene-d10	1862		14.209			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH2	SDG No.:	BM042024
Lab Sample ID:	P2117-06	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
BM045443.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3628	16.971				
1719-03-5	Chrysene-d12	2746	21.196				
1520-96-3	Perylene-d12	3254	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH3	SDG No.:	BM042024
Lab Sample ID:	P2117-07	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
BM045444.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.79		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.379		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	946		7.564			
1146-65-2	Naphthalene-d8	2976		10.325			
15067-26-2	Acenaphthene-d10	1646		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH3	SDG No.:	BM042024
Lab Sample ID:	P2117-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045444.D	1	4/17/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160333

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3179	16.976				
1719-03-5	Chrysene-d12	2172	21.202				
1520-96-3	Perylene-d12	2302	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BM042024
Lab Sample ID:	P2077-06	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
BM045445.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.962		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1198		7.563			
1146-65-2	Naphthalene-d8	3659		10.325			
15067-26-2	Acenaphthene-d10	1961		14.209			

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:	C0AG0	SDG No.:	BM042024
Lab Sample ID:	P2077-06	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
BM045445.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3767	16.971				
1719-03-5	Chrysene-d12	2436	21.211				
1520-96-3	Perylene-d12	2503	23.391				
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:	C0AG1	SDG No.:	BM042024
Lab Sample ID:	P2077-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045446.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.035		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.46		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1035		7.564			
1146-65-2	Naphthalene-d8	3187		10.325			
15067-26-2	Acenaphthene-d10	1801		14.21			

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:	C0AG1	SDG No.:	BM042024
Lab Sample ID:	P2077-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045446.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3768	16.971				
1719-03-5	Chrysene-d12	2222	21.211				
1520-96-3	Perylene-d12	2056	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS293	SDG No.:	BM042024
Lab Sample ID:	PB160293BS	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
BM045447.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		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	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.84		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.39		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		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	0.48		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.46		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	0.46		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.79		15-120		99	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	753		7.589			
1146-65-2	Naphthalene-d8	2351		10.363			
15067-26-2	Acenaphthene-d10	1245		14.223			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS293	SDG No.:	BM042024
Lab Sample ID:	PB160293BS	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
BM045447.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2328	16.997				
1719-03-5	Chrysene-d12	1427	21.208				
1520-96-3	Perylene-d12	1957	23.408				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BM042024
Lab Sample ID:	P2077-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045448.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.143		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.446		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	963		7.563			
1146-65-2	Naphthalene-d8	2967		10.325			
15067-26-2	Acenaphthene-d10	1644		14.21			

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:	C0AG2	SDG No.:	BM042024
Lab Sample ID:	P2077-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045448.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3306	16.972				
1719-03-5	Chrysene-d12	1929	21.21				
1520-96-3	Perylene-d12	1843	23.393				
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:	C0AL3	SDG No.:	BM042024
Lab Sample ID:	P2077-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045449.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.036		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.464		30-130		116	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	989		7.559			
1146-65-2	Naphthalene-d8	3001		10.325			
15067-26-2	Acenaphthene-d10	1790		14.21			

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:	C0AL3	SDG No.:	BM042024
Lab Sample ID:	P2077-09	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
BM045449.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3745	16.972				
1719-03-5	Chrysene-d12	2298	21.213				
1520-96-3	Perylene-d12	1860	23.402				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AL4	SDG No.:	BM042024
Lab Sample ID:	P2077-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045450.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

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	1.622		15-120		20	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.181		30-130		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1955		7.559			
1146-65-2	Naphthalene-d8	5684		10.325			
15067-26-2	Acenaphthene-d10	2946		14.21			

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:	C0AL4	SDG No.:	BM042024
Lab Sample ID:	P2077-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045450.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5552	16.971				
1719-03-5	Chrysene-d12	3753	21.211				
1520-96-3	Perylene-d12	4082	23.388				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS406	SDG No.:	BM042024
Lab Sample ID:	PB160406BS	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
BM045451.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

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	0.46		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.48		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.5		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.49		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.49		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.51		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.99		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.51		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.51		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.6		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	0.55		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.53		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.57		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.56		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.56		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.56		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.55		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.55		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.898		15-120		112	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.567	*	30-130		142	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.465		30-130		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	665		7.585			
1146-65-2	Naphthalene-d8	2041		10.358			
15067-26-2	Acenaphthene-d10	1148		14.219			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS406	SDG No.:	BM042024
Lab Sample ID:	PB160406BS	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
BM045451.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2300	16.993				
1719-03-5	Chrysene-d12	1286	21.208				
1520-96-3	Perylene-d12	1574	23.406				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS291	SDG No.:	BM042024
Lab Sample ID:	PB160291BS	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
BM045452.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.41		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	0.42		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.41		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.91		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.46		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	0.44		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	0.46		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	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.773		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.38		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	687		7.576			
1146-65-2	Naphthalene-d8	1961		10.369			
15067-26-2	Acenaphthene-d10	975		14.223			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS291	SDG No.:	BM042024
Lab Sample ID:	PB160291BS	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
BM045452.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1868	17.001				
1719-03-5	Chrysene-d12	1372	21.211				
1520-96-3	Perylene-d12	1959	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK405	SDG No.:	BM042024
Lab Sample ID:	PB160405BL	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
BM045454.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

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	6.7		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.409		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	755		7.564			
1146-65-2	Naphthalene-d8	2324		10.325			
15067-26-2	Acenaphthene-d10	1252		14.21			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SBLK405	SDG No.:	BM042024
Lab Sample ID:	PB160405BL	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
BM045454.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2356	16.972				
1719-03-5	Chrysene-d12	1289	21.221				
1520-96-3	Perylene-d12	1154	23.396				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK317	SDG No.:	BM042024
Lab Sample ID:	PB160317BL	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
BM045455.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

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	5.99		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	861		7.563			
1146-65-2	Naphthalene-d8	2440		10.325			
15067-26-2	Acenaphthene-d10	1243		14.209			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SBLK317	SDG No.:	BM042024
Lab Sample ID:	PB160317BL	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
BM045455.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2406	16.971				
1719-03-5	Chrysene-d12	1593	21.219				
1520-96-3	Perylene-d12	1433	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSW2	SDG No.:	BM042024
Lab Sample ID:	P2053-08	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
BM045456.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

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	3.785		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	991		7.564			
1146-65-2	Naphthalene-d8	2850		10.325			
15067-26-2	Acenaphthene-d10	1461		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSW2	SDG No.:	BM042024
Lab Sample ID:	P2053-08	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
BM045456.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2801	16.972				
1719-03-5	Chrysene-d12	2015	21.216				
1520-96-3	Perylene-d12	2014	23.393				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSW3	SDG No.:	BM042024
Lab Sample ID:	P2053-09	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
BM045457.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.866		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.439		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.41		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	894		7.563			
1146-65-2	Naphthalene-d8	2644		10.325			
15067-26-2	Acenaphthene-d10	1348		14.209			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	YCSW3	SDG No.:	BM042024
Lab Sample ID:	P2053-09	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
BM045457.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2540	16.971				
1719-03-5	Chrysene-d12	1692	21.219				
1520-96-3	Perylene-d12	1555	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH4	SDG No.:	BM042024
Lab Sample ID:	P2117-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045458.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.454		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	966		7.564			
1146-65-2	Naphthalene-d8	3109		10.325			
15067-26-2	Acenaphthene-d10	1719		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	E0MH4	SDG No.:	BM042024
Lab Sample ID:	P2117-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045458.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3637	16.972				
1719-03-5	Chrysene-d12	2310	21.195				
1520-96-3	Perylene-d12	2290	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR0	SDG No.:	BM042024
Lab Sample ID:	P2140-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045459.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.769		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	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	1032	7.559				
1146-65-2	Naphthalene-d8	2923	10.32				
15067-26-2	Acenaphthene-d10	1528	14.21				

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR0	SDG No.:	BM042024
Lab Sample ID:	P2140-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045459.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2910	16.971				
1719-03-5	Chrysene-d12	2243	21.205				
1520-96-3	Perylene-d12	2483	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR1	SDG No.:	BM042024
Lab Sample ID:	P2140-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045460.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.06	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	3.34		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.492		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.458		30-130		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1021		7.559			
1146-65-2	Naphthalene-d8	3218		10.32			
15067-26-2	Acenaphthene-d10	1701		14.21			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR1	SDG No.:	BM042024
Lab Sample ID:	P2140-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045460.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3079	16.971				
1719-03-5	Chrysene-d12	1859	21.208				
1520-96-3	Perylene-d12	1986	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR2	SDG No.:	BM042024
Lab Sample ID:	P2140-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045461.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.056		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.522	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.425		30-130		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	866		7.563			
1146-65-2	Naphthalene-d8	2684		10.325			
15067-26-2	Acenaphthene-d10	1452		14.209			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR2	SDG No.:	BM042024
Lab Sample ID:	P2140-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045461.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2688	16.971				
1719-03-5	Chrysene-d12	1718	21.213				
1520-96-3	Perylene-d12	2059	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR3	SDG No.:	BM042024
Lab Sample ID:	P2140-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045462.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.532	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	867		7.563			
1146-65-2	Naphthalene-d8	2796		10.325			
15067-26-2	Acenaphthene-d10	1547		14.209			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSR3	SDG No.:	BM042024
Lab Sample ID:	P2140-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045462.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2997	16.971				
1719-03-5	Chrysene-d12	1675	21.216				
1520-96-3	Perylene-d12	1851	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ1	SDG No.:	BM042024
Lab Sample ID:	P2140-08	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
BM045463.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

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	3.635		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.56	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.459		30-130		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	904		7.559			
1146-65-2	Naphthalene-d8	2917		10.319			
15067-26-2	Acenaphthene-d10	1629		14.209			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ1	SDG No.:	BM042024
Lab Sample ID:	P2140-08	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
BM045463.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3170	16.971				
1719-03-5	Chrysene-d12	1742	21.216				
1520-96-3	Perylene-d12	1905	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ2	SDG No.:	BM042024
Lab Sample ID:	P2140-09	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
BM045464.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

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	3.456		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.435		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	896		7.559			
1146-65-2	Naphthalene-d8	2773		10.325			
15067-26-2	Acenaphthene-d10	1448		14.209			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ2	SDG No.:	BM042024
Lab Sample ID:	P2140-09	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
BM045464.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2725	16.971				
1719-03-5	Chrysene-d12	1706	21.213				
1520-96-3	Perylene-d12	1669	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ3	SDG No.:	BM042024
Lab Sample ID:	P2140-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045465.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

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	3.628		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.431		30-130		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	943		7.559			
1146-65-2	Naphthalene-d8	2920		10.32			
15067-26-2	Acenaphthene-d10	1555		14.21			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	YCSZ3	SDG No.:	BM042024
Lab Sample ID:	P2140-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045465.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2887	16.971				
1719-03-5	Chrysene-d12	1782	21.214				
1520-96-3	Perylene-d12	1754	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSP5	SDG No.:	BM042024
Lab Sample ID:	P2140-11	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
BM045466.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.13	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.502		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.452		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	910		7.564			
1146-65-2	Naphthalene-d8	2850		10.32			
15067-26-2	Acenaphthene-d10	1553		14.21			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSP5	SDG No.:	BM042024
Lab Sample ID:	P2140-11	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
BM045466.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3288	16.971				
1719-03-5	Chrysene-d12	2174	21.205				
1520-96-3	Perylene-d12	2271	23.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSP6	SDG No.:	BM042024
Lab Sample ID:	P2140-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045467.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.13	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	3.734		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.524	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.42		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	925		7.559			
1146-65-2	Naphthalene-d8	2981		10.32			
15067-26-2	Acenaphthene-d10	1691		14.206			

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	YCSP6	SDG No.:	BM042024
Lab Sample ID:	P2140-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045467.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3554	16.968				
1719-03-5	Chrysene-d12	2176	21.204				
1520-96-3	Perylene-d12	2124	23.393				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0AK9	SDG No.:	BM042024
Lab Sample ID:	P2181-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045468.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

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	26	E	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	2.6	E	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	1.2		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.4		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	220	E	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	46	E	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	1.1		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	6	E	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	12	E	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	6.3	E	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.08	J	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	4.41		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.451		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.549	*	30-130		137	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	888		7.559			
1146-65-2	Naphthalene-d8	2602		10.319			
15067-26-2	Acenaphthene-d10	1982		14.201			

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	C0AK9	SDG No.:	BM042024
Lab Sample ID:	P2181-01	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
BM045468.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3671	16.968				
1719-03-5	Chrysene-d12	3418	21.183				
1520-96-3	Perylene-d12	3311	23.375				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS317	SDG No.:	BM042024
Lab Sample ID:	PB160317BS	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
BM045469.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.51		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.53		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.56		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.51		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.52		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.52		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	0.49		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.53		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	0.58		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.55		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.5		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.54		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.54		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.55		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.52		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.869		15-120		109	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.506		30-130		126	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	747		7.589			
1146-65-2	Naphthalene-d8	2431		10.353			
15067-26-2	Acenaphthene-d10	1493		14.219			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	SLCS317	SDG No.:	BM042024
Lab Sample ID:	PB160317BS	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
BM045469.D	1	4/16/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160317

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3033	16.988				
1719-03-5	Chrysene-d12	1752	21.202				
1520-96-3	Perylene-d12	2169	23.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS405	SDG No.:	BM042024
Lab Sample ID:	PB160405BS	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
BM045470.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

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	0.48		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.5		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.53		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.51		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.51		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.54		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.3		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.52		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.55		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.61		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.61		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.6		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	0.57		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.53		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.55		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.56		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.56		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.53		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.832		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.582	*	30-130		146	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.488		30-130		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	772		7.585			
1146-65-2	Naphthalene-d8	2443		10.353			
15067-26-2	Acenaphthene-d10	1385		14.214			

Report of Analysis

Client:		Date Collected:	4/19/2024 12:00:00 AM
Project:		Date Received:	4/19/2024 12:00:00 AM
Client Sample ID:	SLCS405	SDG No.:	BM042024
Lab Sample ID:	PB160405BS	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
BM045470.D	1	4/19/2024 12:00:00 AM	4/21/2024 12:00:00 AM	PB160405

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2903	16.988				
1719-03-5	Chrysene-d12	1628	21.205				
1520-96-3	Perylene-d12	2087	23.406				
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.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YCST2								
P2053-04	YCST2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSS4								
P2053-05	YCSS4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2053-05	YCSS4	Water	1,4-Dioxane		1.400	0.029	0.2	ug/L
			Total Svoc :			1.40		
			Total Concentration:			1.40		
Client ID : YCSS5								
P2053-06	YCSS5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2053-06	YCSS5	Water	1,4-Dioxane		1.600	0.029	0.2	ug/L
			Total Svoc :			1.60		
			Total Concentration:			1.60		
Client ID : YCST3								
P2053-07	YCST3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2053-07	YCST3	Water	1,4-Dioxane		0.500	0.029	0.2	ug/L
			Total Svoc :			0.50		
			Total Concentration:			0.50		
Client ID : YCSW2								
P2053-08	YCSW2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2053-08	YCSW2	Water	1,4-Dioxane		0.090	0.03	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID : YCSW3								
P2053-09	YCSW3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AG0								
P2077-06	C0AG0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

Hit Summary Sheet SW-846

SDG No.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	C0AG1							
P2077-07	C0AG1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AG2							
P2077-08	C0AG2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AL3							
P2077-09	C0AL3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AL4							
P2077-10	C0AL4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AL9							
P2077-12	C0AL9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MH4							
P2117-01	E0MH4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG8							
P2117-02	E0MG8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MG9							
P2117-03	E0MG9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MH1							
P2117-05	E0MH1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E0MH2							

Hit Summary Sheet SW-846

SDG No.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2117-06	E0MH2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0MH3								
P2117-07	E0MH3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSR0								
P2140-04	YCSR0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSR1								
P2140-05	YCSR1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2140-05	YCSR1	Water	1,4-Dioxane		0.060	J 0.029	0.2	ug/L
			Total Svoc :			0.06		
			Total Concentration:			0.06		
Client ID : YCSR2								
P2140-06	YCSR2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSR3								
P2140-07	YCSR3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YCSZ1								
P2140-08	YCSZ1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2140-08	YCSZ1	Water	1,4-Dioxane		0.090	J 0.03	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID : YCSZ2								
P2140-09	YCSZ2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2140-09	YCSZ2	Water	1,4-Dioxane		0.080	J 0.029	0.2	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		

Hit Summary Sheet SW-846

SDG No.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YCSZ3								
P2140-10	YCSZ3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2140-10	YCSZ3	Water	1,4-Dioxane		0.070	J 0.029	0.2	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID : YCSP5								
P2140-11	YCSP5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P2140-11	YCSP5	Water	1,4-Dioxane		0.130	J 0.029	0.2	ug/L
			Total Svoc :			0.13		
			Total Concentration:			0.13		
Client ID : YCSP6								
P2140-12	YCSP6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2140-12	YCSP6	Water	1,4-Dioxane		0.130	J 0.03	0.2	ug/L
			Total Svoc :			0.13		
			Total Concentration:			0.13		
Client ID : C0AK9								
P2181-01	C0AK9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P2181-01	C0AK9	Water	1-Methylnaphthalene		2.600	E 0.02	0.1	ug/L
P2181-01	C0AK9	Water	2-Methylnaphthalene		1.200	0.01	0.1	ug/L
P2181-01	C0AK9	Water	Acenaphthene		220.000	E 0.01	0.1	ug/L
P2181-01	C0AK9	Water	Acenaphthylene		1.400	0.01	0.1	ug/L
P2181-01	C0AK9	Water	Anthracene		6.000	E 0.01	0.1	ug/L
P2181-01	C0AK9	Water	Benzo(a)anthracene		0.430	0	0.1	ug/L
P2181-01	C0AK9	Water	Chrysene		0.080	J 0.01	0.1	ug/L
P2181-01	C0AK9	Water	Fluoranthene		12.000	E 0.01	0.1	ug/L
P2181-01	C0AK9	Water	Fluorene		46.000	E 0.01	0.1	ug/L
P2181-01	C0AK9	Water	Naphthalene		26.000	E 0	0.1	ug/L
P2181-01	C0AK9	Water	Phenanthrene		1.100	0.01	0.1	ug/L
P2181-01	C0AK9	Water	Pyrene		6.300	E 0.01	0.1	ug/L
			Total Svoc :			323.11		
			Total Concentration:			323.11		
Client ID : SSTDD0.4082								
SSTDCCC0.4	SSTD0.4082	Water	Total Alkanes	*	0.000	29	200	ug/L
			Total Tics :			0.00		
SSTDCCC0.4	SSTD0.4082	Water	1,4-Dioxane		390.000	29	200	ug/L

Hit Summary Sheet SW-846

SDG No.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC0.4	SSTD0.4082	Water	1-Methylnaphthalene	400.000	15		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	2-Methylnaphthalene	430.000	5.3		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Acenaphthene	410.000	7.4		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Acenaphthylene	410.000	12		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Anthracene	410.000	8		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Benzo(a)anthracene	420.000	3.6		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Benzo(a)pyrene	400.000	17		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Benzo(b)fluoranthene	400.000	13		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Benzo(g,h,i)perylene	390.000	22		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Benzo(k)fluoranthene	390.000	9.8		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Chrysene	400.000	7.7		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Dibenzo(a,h)anthracene	400.000	14		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Fluoranthene	370.000	7.9		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Fluorene	410.000	6.7		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Indeno(1,2,3-cd)pyrene	400.000	17		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Naphthalene	400.000	4.3		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Pentachlorophenol	420.000	63		200	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Phenanthrene	400.000	6.8		100	ug/L
SSTDCCC0.4	SSTD0.4082	Water	Pyrene	380.000	6		100	ug/L

Total Svoc : 8,030.00

Total Concentration: 8,030.00

Client ID : SICV035

SSTDICV0.4	SICV035	Water	Total Alkanes	*	0.000	29	200	ug/L
Total Tics :					0.00			
SSTDICV0.4	SICV035	Water	1,4-Dioxane		460.000	29	200	ug/L
SSTDICV0.4	SICV035	Water	1-Methylnaphthalene		410.000	15	100	ug/L
SSTDICV0.4	SICV035	Water	2-Methylnaphthalene		480.000	5.3	100	ug/L
SSTDICV0.4	SICV035	Water	Acenaphthene		440.000	7.4	100	ug/L
SSTDICV0.4	SICV035	Water	Acenaphthylene		460.000	12	100	ug/L
SSTDICV0.4	SICV035	Water	Anthracene		440.000	8	100	ug/L
SSTDICV0.4	SICV035	Water	Benzo(a)anthracene		400.000	3.6	100	ug/L
SSTDICV0.4	SICV035	Water	Benzo(a)pyrene		450.000	17	100	ug/L
SSTDICV0.4	SICV035	Water	Benzo(b)fluoranthene		450.000	13	100	ug/L
SSTDICV0.4	SICV035	Water	Benzo(g,h,i)perylene		430.000	22	100	ug/L
SSTDICV0.4	SICV035	Water	Benzo(k)fluoranthene		430.000	9.8	100	ug/L
SSTDICV0.4	SICV035	Water	Chrysene		480.000	7.7	100	ug/L
SSTDICV0.4	SICV035	Water	Dibenzo(a,h)anthracene		430.000	14	100	ug/L
SSTDICV0.4	SICV035	Water	Fluoranthene		480.000	7.9	100	ug/L
SSTDICV0.4	SICV035	Water	Fluorene		450.000	6.7	100	ug/L
SSTDICV0.4	SICV035	Water	Indeno(1,2,3-cd)pyrene		450.000	17	100	ug/L



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Hit Summary Sheet
SW-846

SDG No.: BM042024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV0.4	SICV035	Water	Naphthalene	450.000		4.3	100	ug/L
SSTDICV0.4	SICV035	Water	Pentachlorophenol	340.000		63	200	ug/L
SSTDICV0.4	SICV035	Water	Phenanthrene	450.000		6.8	100	ug/L
SSTDICV0.4	SICV035	Water	Pyrene	490.000		6	100	ug/L
Total Svoc :						8,870.00		
Total Concentration:						8,870.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG No.: BM042024
Instrument ID: _____ Calibration Date(s): 4/20/2024 : _____
Calibration Time(s): 13:42 _____

LAB FILE ID:		RRFAL1 = BM045422.D			RRFAL2 = BM045423.D		RRFAL3 = BM045424.D	
		RRFAL4 = BM045425.D			RRFAL5 = BM045426.D		RRFAL6 = BM045427.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.605	0.525	0.495	0.480	0.475	0.516	10.4
1,4-Dioxane-d8		0.633	0.595	0.508	0.482	0.463	0.536	13.8
Naphthalene	1.089	1.048	1.108	1.078	1.048		1.074	2.4
1-Methylnaphthalene	0.680	0.672	0.703	0.714	0.671		0.688	2.8
2-Methylnaphthalene	0.553	0.551	0.656	0.669	0.638		0.614	9.3
Acenaphthylene	2.015	1.942	1.961	1.972	1.973		1.973	1.4
Acenaphthene	1.462	1.439	1.470	1.481	1.472		1.465	1.1
Fluorene	1.508	1.588	1.512	1.612	1.615		1.567	3.4
Pentachlorophenol		0.062	0.080	0.075	0.093	0.088	0.080	15.1
Phenanthrene	1.170	1.182	1.140	1.163	1.171		1.165	1.4
Anthracene	1.079	1.103	1.064	1.083	1.121		1.090	2.0
Fluoranthene	1.793	2.094	1.820	1.978	1.544		1.846	11.3
Pyrene	1.904	2.146	1.866	1.983	1.589		1.897	10.7
Benzo(a)anthracene	1.095	1.194	1.337	1.355	1.412		1.279	10.2
Chrysene	2.258	2.069	2.006	1.843	1.654		1.966	11.7
Benzo(b)fluoranthene	1.271	1.339	1.314	1.400	1.403		1.346	4.2
Benzo(k)fluoranthene	1.767	1.831	1.687	1.634	1.581		1.700	5.9
Benzo(a)pyrene	1.476	1.394	1.371	1.358	1.379		1.395	3.3
Indeno(1,2,3-cd)pyrene	2.064	2.016	2.016	2.034	2.011		2.028	1.1
Dibenzo(a,h)anthracene	1.643	1.592	1.591	1.611	1.606		1.609	1.3
Benzo(g,h,i)perylene	1.911	1.853	1.821	1.791	1.737		1.822	3.6
Fluoranthene-d10	1.159	1.428	1.259	1.376	1.075		1.259	11.7
2-Methylnaphthalene-d10	0.505	0.513	0.542	0.553	0.524		0.528	3.8

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.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 13:06

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	787	7.585	2144	10.37	1138	14.23
	UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
	LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
	EPA SAMPLE NO.						
01	SSTD0.4082	885	7.58	2383	10.37	1194	14.23
02	SICV035	655	7.59	1963	10.38	1072	14.23
03	SBLK293	852	7.57	2632	10.33	1503	14.21
04	SBLK333	922	7.57	2843	10.33	1633	14.21
05	YCST2	833	7.57	2582	10.33	1498	14.21
06	YCSSL4	957	7.57	3048	10.33	1784	14.22
07	YCSSL5	883	7.57	2740	10.33	1544	14.21
08	YCST3	939	7.56	2868	10.33	1634	14.21
09	SLCS333	634	7.59	1829	10.38	960	14.23
10	SBLK291	712	7.57	2133	10.33	1106	14.21
11	SBLK406	835	7.57	2672	10.33	1522	14.21
12	C0AL9	907	7.57	2885	10.33	1700	14.21
13	E0MG8	939	7.56	3016	10.33	1718	14.21
14	E0MG9	907	7.56	2951	10.33	1651	14.21
15	E0MH1	1030	7.56	3290	10.33	1955	14.21
16	E0MH2	1172	7.56	3606	10.33	1862	14.21
17	E0MH3	946	7.56	2976	10.33	1646	14.21
18	C0AG0	1198	7.56	3659	10.33	1961	14.21
19	C0AG1	1035	7.56	3187	10.33	1801	14.21
20	SLCS293	753	7.59	2351	10.36	1245	14.22
21	C0AG2	963	7.56	2967	10.33	1644	14.21
22	C0AL3	989	7.56	3001	10.33	1790	14.21
23	C0AL4	1955 *	7.56	5684 *	10.33	2946 *	14.21



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 07:57

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	787	7.585	2144	10.37	1138	14.23
	UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
	LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
	EPA SAMPLE NO.						
24	SLCS406	665	7.59	2041	10.36	1148	14.22
25	SLCS291	687	7.58	1961	10.37	975	14.22
26	SBLK405	755	7.56	2324	10.33	1252	14.21
27	SBLK317	861	7.56	2440	10.33	1243	14.21
28	YCSW2	991	7.56	2850	10.33	1461	14.21
29	YCSW3	894	7.56	2644	10.33	1348	14.21
30	E0MH4	966	7.56	3109	10.33	1719	14.21
31	YCSR0	1032	7.56	2923	10.32	1528	14.21
32	YCSR1	1021	7.56	3218	10.32	1701	14.21
33	YCSR2	866	7.56	2684	10.33	1452	14.21
34	YCSR3	867	7.56	2796	10.33	1547	14.21
35	YCSZ1	904	7.56	2917	10.32	1629	14.21
36	YCSZ2	896	7.56	2773	10.33	1448	14.21
37	YCSZ3	943	7.56	2920	10.32	1555	14.21
38	YCSP5	910	7.56	2850	10.32	1553	14.21
39	YCSP6	925	7.56	2981	10.32	1691	14.21
40	C0AK9	888	7.56	2602	10.32	1982	14.20
41	SLCS317	747	7.59	2431	10.35	1493	14.22
42	SLCS405	772	7.59	2443	10.35	1385	14.21



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 19:58

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	787	7.585	2144	10.37	1138	14.23
UPPER LIMIT	1574	8.085	4288	10.874	2276	14.728
LOWER LIMIT	393.5	7.085	1072	9.874	569	13.728
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4083

Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045436.D

Time Analyzed: 23:29

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	672	7.614	2060	10.37	1149	14.23
	UPPER LIMIT	1344	8.114	4120	10.874	2298	14.728
	LOWER LIMIT	336	7.114	1030	9.874	574.5	13.728
	EPA SAMPLE NO.						
01	SBLK291	712	7.57	2133	10.33	1106	14.21
02	SBLK406	835	7.57	2672	10.33	1522	14.21
03	C0AL9	907	7.57	2885	10.33	1700	14.21
04	E0MG8	939	7.56	3016	10.33	1718	14.21
05	E0MG9	907	7.56	2951	10.33	1651	14.21
06	E0MH1	1030	7.56	3290	10.33	1955	14.21
07	E0MH2	1172	7.56	3606	10.33	1862	14.21
08	E0MH3	946	7.56	2976	10.33	1646	14.21
09	C0AG0	1198	7.56	3659	10.33	1961	14.21
10	C0AG1	1035	7.56	3187	10.33	1801	14.21
11	SLCS293	753	7.59	2351	10.36	1245	14.22
12	C0AG2	963	7.56	2967	10.33	1644	14.21
13	C0AL3	989	7.56	3001	10.33	1790	14.21
14	C0AL4	1955 *	7.56	5684 *	10.33	2946 *	14.21
15	SLCS406	665	7.59	2041	10.36	1148	14.22
16	SLCS291	687	7.58	1961	10.37	975	14.22



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4083 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045436.D Time Analyzed: 08:33

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	672	7.614	2060	10.37	1149	14.23
UPPER LIMIT	1344	8.114	4120	10.874	2298	14.728
LOWER LIMIT	336	7.114	1030	9.874	574.5	13.728
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4084 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045453.D Time Analyzed: 10:20

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	712	7.601	2230	10.36	1211	14.22
	UPPER LIMIT	1424	8.101	4460	10.864	2422	14.723
	LOWER LIMIT	356	7.101	1115	9.864	605.5	13.723
	EPA SAMPLE NO.						
01	SBLK405	755	7.56	2324	10.33	1252	14.21
02	SBLK317	861	7.56	2440	10.33	1243	14.21
03	YCSW2	991	7.56	2850	10.33	1461	14.21
04	YCSW3	894	7.56	2644	10.33	1348	14.21
05	E0MH4	966	7.56	3109	10.33	1719	14.21
06	YCSR0	1032	7.56	2923	10.32	1528	14.21
07	YCSR1	1021	7.56	3218	10.32	1701	14.21
08	YCSR2	866	7.56	2684	10.33	1452	14.21
09	YCSR3	867	7.56	2796	10.33	1547	14.21
10	YCSZ1	904	7.56	2917	10.32	1629	14.21
11	YCSZ2	896	7.56	2773	10.33	1448	14.21
12	YCSZ3	943	7.56	2920	10.32	1555	14.21
13	YCSP5	910	7.56	2850	10.32	1553	14.21
14	YCSP6	925	7.56	2981	10.32	1691	14.21
15	C0AK9	888	7.56	2602	10.32	1982	14.20
16	SLCS317	747	7.59	2431	10.35	1493	14.22
17	SLCS405	772	7.59	2443	10.35	1385	14.21



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4084 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045453.D Time Analyzed: 19:58

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	712	7.601	2230	10.36	1211	14.22
UPPER LIMIT	1424	8.101	4460	10.864	2422	14.723
LOWER LIMIT	356	7.101	1115	9.864	605.5	13.723
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 13:06

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2172	17.005	1443	21.216	2117	23.42
	UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
	LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
	EPA SAMPLE NO.						
01	SSTD0.4082	2413	17.01	1794	21.21	2564	23.41
02	SICV035	1971	17.01	1159	21.23	1582	23.42
03	SBLK293	3037	16.98	1685	21.23	1230	23.40
04	SBLK333	3357	16.98	1921	21.23	1437	23.40
05	YCST2	3083	16.98	1800	21.22	1271	23.41
06	YCSSL4	3650	16.98	2070	21.22	1807	23.41
07	YCSSL5	3035	16.98	1717	21.22	1553	23.41
08	YCST3	3345	16.98	1953	21.22	1626	23.41
09	SLCS333	1916	17.01	1423	21.21	1931	23.41
10	SBLK291	2115	16.98	1470	21.23	1322	23.40
11	SBLK406	3102	16.98	1709	21.23	1170	23.40
12	C0AL9	3465	16.98	1961	21.22	1503	23.40
13	E0MG8	3700	16.98	2421	21.20	2126	23.40
14	E0MG9	3477	16.98	2274	21.20	2147	23.39
15	E0MH1	4023	16.98	2535	21.21	2319	23.39
16	E0MH2	3628	16.97	2746	21.20	3254	23.39
17	E0MH3	3179	16.98	2172	21.20	2302	23.39
18	C0AG0	3767	16.97	2436	21.21	2503	23.39
19	C0AG1	3768	16.97	2222	21.21	2056	23.40
20	SLCS293	2328	17.00	1427	21.21	1957	23.41
21	C0AG2	3306	16.97	1929	21.21	1843	23.39

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 06:45

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	2172	17.005	1443	21.216	2117	23.42
	UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
	LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
	EPA SAMPLE NO.						
22	COAL3	3745	16.97	2298	21.21	1860	23.40
23	COAL4	5552 *	16.97	3753 *	21.21	4082	23.39
24	SLCS406	2300	16.99	1286	21.21	1574	23.41
25	SLCS291	1868	17.00	1372	21.21	1959	23.41
26	SBLK405	2356	16.97	1289	21.22	1154	23.40
27	SBLK317	2406	16.97	1593	21.22	1433	23.39
28	YCSW2	2801	16.97	2015	21.22	2014	23.39
29	YCSW3	2540	16.97	1692	21.22	1555	23.40
30	E0MH4	3637	16.97	2310	21.20	2290	23.38
31	YCSR0	2910	16.97	2243	21.21	2483	23.39
32	YCSR1	3079	16.97	1859	21.21	1986	23.40
33	YCSR2	2688	16.97	1718	21.21	2059	23.40
34	YCSR3	2997	16.97	1675	21.22	1851	23.40
35	YCSZ1	3170	16.97	1742	21.22	1905	23.40
36	YCSZ2	2725	16.97	1706	21.21	1669	23.40
37	YCSZ3	2887	16.97	1782	21.21	1754	23.40
38	YCSP5	3288	16.97	2174	21.21	2271	23.39
39	YCSP6	3554	16.97	2176	21.20	2124	23.39
40	COAK9	3671	16.97	3418 *	21.18	3311	23.38
41	SLCS317	3033	16.99	1752	21.20	2169	23.40
42	SLCS405	2903	16.99	1628	21.21	2087	23.41

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 19:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2172	17.005	1443	21.216	2117	23.42
UPPER LIMIT	4344	17.505	2886	21.716	4234	23.92
LOWER LIMIT	1086	16.505	721.5	20.716	1058.5	22.92
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4083 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BM045436.D Time Analyzed: 23:29

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	2145	17.009	1228	21.219	1630	23.417
	UPPER LIMIT	4290	17.509	2456	21.719	3260	23.917
	LOWER LIMIT	1072.5	16.509	614	20.719	815	22.917
	EPA SAMPLE NO.						
01	SBLK291	2115	16.98	1470	21.23	1322	23.40
02	SBLK406	3102	16.98	1709	21.23	1170	23.40
03	C0AL9	3465	16.98	1961	21.22	1503	23.40
04	E0MG8	3700	16.98	2421	21.20	2126	23.40
05	E0MG9	3477	16.98	2274	21.20	2147	23.39
06	E0MH1	4023	16.98	2535 *	21.21	2319	23.39
07	E0MH2	3628	16.97	2746 *	21.20	3254	23.39
08	E0MH3	3179	16.98	2172	21.20	2302	23.39
09	C0AG0	3767	16.97	2436	21.21	2503	23.39
10	C0AG1	3768	16.97	2222	21.21	2056	23.40
11	SLCS293	2328	17.00	1427	21.21	1957	23.41
12	C0AG2	3306	16.97	1929	21.21	1843	23.39
13	C0AL3	3745	16.97	2298	21.21	1860	23.40
14	C0AL4	5552 *	16.97	3753 *	21.21	4082 *	23.39
15	SLCS406	2300	16.99	1286	21.21	1574	23.41
16	SLCS291	1868	17.00	1372	21.21	1959	23.41

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4083 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045436.D Time Analyzed: 08:33

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	2145	17.009	1228	21.219	1630	23.417
UPPER LIMIT	4290	17.509	2456	21.719	3260	23.917
LOWER LIMIT	1072.5	16.509	614	20.719	815	22.917
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.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4084 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045453.D Time Analyzed: 10:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2248	17.005	1177	21.214	1690	23.414
	UPPER LIMIT	4496	17.505	2354	21.714	3380	23.914
	LOWER LIMIT	1124	16.505	588.5	20.714	845	22.914
	EPA SAMPLE NO.						
01	SBLK405	2356	16.97	1289	21.22	1154	23.40
02	SBLK317	2406	16.97	1593	21.22	1433	23.39
03	YCSW2	2801	16.97	2015	21.22	2014	23.39
04	YCSW3	2540	16.97	1692	21.22	1555	23.40
05	EOMH4	3637	16.97	2310	21.20	2290	23.38
06	YCSR0	2910	16.97	2243	21.21	2483	23.39
07	YCSR1	3079	16.97	1859	21.21	1986	23.40
08	YCSR2	2688	16.97	1718	21.21	2059	23.40
09	YCSR3	2997	16.97	1675	21.22	1851	23.40
10	YCSZ1	3170	16.97	1742	21.22	1905	23.40
11	YCSZ2	2725	16.97	1706	21.21	1669	23.40
12	YCSZ3	2887	16.97	1782	21.21	1754	23.40
13	YCSP5	3288	16.97	2174	21.21	2271	23.39
14	YCSP6	3554	16.97	2176	21.20	2124	23.39
15	C0AK9	3671	16.97	3418 *	21.18	3311	23.38
16	SLCS317	3033	16.99	1752	21.20	2169	23.40
17	SLCS405	2903	16.99	1628	21.21	2087	23.41

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042024 SAS No.: BM042024 SDG NO.: BM042024

EPA Sample No.: SSTD0.4084 Date Analyzed: Apr 21 2024 12:00AM

Lab File ID: BM045453.D Time Analyzed: 19:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2248	17.005	1177	21.214	1690	23.414
UPPER LIMIT	4496	17.505	2354	21.714	3380	23.914
LOWER LIMIT	1124	16.505	588.5	20.714	845	22.914
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160291BS	1,4-Dioxane	2	2.2	ug/L	110				0	0		
	Naphthalene	0.4	0.41	ug/L	103				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	0.42	ug/L	105				0	0		
	Acenaphthene	0.4	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.41	ug/L	103				0	0		
	Pentachlorophenol	0.8	0.91	ug/L	114				0	0		
	Phenanthrene	0.4	0.42	ug/L	105				0	0		
	Anthracene	0.4	0.41	ug/L	103				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.46	ug/L	115				0	0		
	Chrysene	0.4	0.43	ug/L	108				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	0.46	ug/L	115				0	0		
	Dibenzo(a,h)anthracene	0.4	0.45	ug/L	113				0	0		
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160293BS	1,4-Dioxane	2	2.2	ug/L	110				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	Acenaphthylene	0.4	0.39	ug/L	98				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.84	ug/L	105				0	0	
	Phenanthrene	0.4	0.4	ug/L	100				0	0	
	Anthracene	0.4	0.39	ug/L	98				0	0	
	Fluoranthene	0.4	0.44	ug/L	110				0	0	
	Pyrene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)anthracene	0.4	0.48	ug/L	120				0	0	
	Chrysene	0.4	0.45	ug/L	113				0	0	
	Benzo(b)fluoranthene	0.4	0.46	ug/L	115				0	0	
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)pyrene	0.4	0.46	ug/L	115				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0	
	Dibenzo(a,h)anthracene	0.4	0.46	ug/L	115				0	0	
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160317BS	1,4-Dioxane	2	2.7	ug/L	135				0	0	
	Naphthalene	0.4	0.51	ug/L	128				0	0	
	1-Methylnaphthalene	0.4	0.53	ug/L	133				0	0	
	2-Methylnaphthalene	0.4	0.56	ug/L	140				0	0	
	Acenaphthylene	0.4	0.51	ug/L	128				0	0	
	Acenaphthene	0.4	0.52	ug/L	130				0	0	
	Fluorene	0.4	0.52	ug/L	130				0	0	
	Pentachlorophenol	0.8	1.2	ug/L	150				0	0	
	Phenanthrene	0.4	0.49	ug/L	123				0	0	
	Anthracene	0.4	0.53	ug/L	133				0	0	
	Fluoranthene	0.4	0.57	ug/L	143				0	0	
	Pyrene	0.4	0.57	ug/L	143				0	0	
	Benzo(a)anthracene	0.4	0.58	ug/L	145				0	0	
	Chrysene	0.4	0.46	ug/L	115				0	0	
	Benzo(b)fluoranthene	0.4	0.55	ug/L	138				0	0	
	Benzo(k)fluoranthene	0.4	0.5	ug/L	125				0	0	
	Benzo(a)pyrene	0.4	0.54	ug/L	135				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.54	ug/L	135				0	0	
	Dibenzo(a,h)anthracene	0.4	0.55	ug/L	138				0	0	
	Benzo(g,h,i)perylene	0.4	0.52	ug/L	130				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160333BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.45	ug/L	113				0	0	
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0	
	2-Methylnaphthalene	0.4	0.45	ug/L	113				0	0	
	Acenaphthylene	0.4	0.42	ug/L	105				0	0	
	Acenaphthene	0.4	0.44	ug/L	110				0	0	
	Fluorene	0.4	0.42	ug/L	105				0	0	
	Pentachlorophenol	0.8	0.92	ug/L	115				0	0	
	Phenanthrene	0.4	0.43	ug/L	108				0	0	
	Anthracene	0.4	0.42	ug/L	105				0	0	
	Fluoranthene	0.4	0.41	ug/L	103				0	0	
	Pyrene	0.4	0.41	ug/L	103				0	0	
	Benzo(a)anthracene	0.4	0.46	ug/L	115				0	0	
	Chrysene	0.4	0.45	ug/L	113				0	0	
	Benzo(b)fluoranthene	0.4	0.48	ug/L	120				0	0	
	Benzo(k)fluoranthene	0.4	0.48	ug/L	120				0	0	
	Benzo(a)pyrene	0.4	0.47	ug/L	117				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0	
	Dibenzo(a,h)anthracene	0.4	0.46	ug/L	115				0	0	
	Benzo(g,h,i)perylene	0.4	0.47	ug/L	117				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM042024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160405BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.48	ug/L	120				0	0	
	1-Methylnaphthalene	0.4	0.5	ug/L	125				0	0	
	2-Methylnaphthalene	0.4	0.53	ug/L	133				0	0	
	Acenaphthylene	0.4	0.51	ug/L	128				0	0	
	Acenaphthene	0.4	0.51	ug/L	128				0	0	
	Fluorene	0.4	0.54	ug/L	135				0	0	
	Pentachlorophenol	0.8	1.3	ug/L	162				0	0	
	Phenanthrene	0.4	0.52	ug/L	130				0	0	
	Anthracene	0.4	0.55	ug/L	138				0	0	
	Fluoranthene	0.4	0.61	ug/L	153				0	0	
	Pyrene	0.4	0.61	ug/L	153				0	0	
	Benzo(a)anthracene	0.4	0.6	ug/L	150				0	0	
	Chrysene	0.4	0.51	ug/L	128				0	0	
	Benzo(b)fluoranthene	0.4	0.57	ug/L	143				0	0	
	Benzo(k)fluoranthene	0.4	0.53	ug/L	133				0	0	
	Benzo(a)pyrene	0.4	0.55	ug/L	138				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.56	ug/L	140				0	0	
	Dibenzo(a,h)anthracene	0.4	0.56	ug/L	140				0	0	
	Benzo(g,h,i)perylene	0.4	0.53	ug/L	133				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160406BS	1,4-Dioxane	2	2.5	ug/L	125				0	0	
	Naphthalene	0.4	0.46	ug/L	115				0	0	
	1-Methylnaphthalene	0.4	0.48	ug/L	120				0	0	
	2-Methylnaphthalene	0.4	0.5	ug/L	125				0	0	
	Acenaphthylene	0.4	0.49	ug/L	123				0	0	
	Acenaphthene	0.4	0.49	ug/L	123				0	0	
	Fluorene	0.4	0.51	ug/L	128				0	0	
	Pentachlorophenol	0.8	0.99	ug/L	124				0	0	
	Phenanthrene	0.4	0.51	ug/L	128				0	0	
	Anthracene	0.4	0.51	ug/L	128				0	0	
	Fluoranthene	0.4	0.6	ug/L	150				0	0	
	Pyrene	0.4	0.59	ug/L	147				0	0	
	Benzo(a)anthracene	0.4	0.55	ug/L	138				0	0	
	Chrysene	0.4	0.53	ug/L	133				0	0	
	Benzo(b)fluoranthene	0.4	0.57	ug/L	143				0	0	
	Benzo(k)fluoranthene	0.4	0.56	ug/L	140				0	0	
	Benzo(a)pyrene	0.4	0.56	ug/L	140				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.56	ug/L	140				0	0	
	Dibenzo(a,h)anthracene	0.4	0.55	ug/L	138				0	0	
	Benzo(g,h,i)perylene	0.4	0.55	ug/L	138				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD0.4082

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045421.D

Lab Sample ID: SSTDCCC0.4

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 13:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD0.4082	SSTDCCC0.4	BM045421.D	04/20/2024
SICV035	SSTDICV0.4	BM045428.D	04/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK291

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045437.D

Lab Sample ID: PB160291BL

Instrument ID: BNA_M

Date Extracted: 04/16/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 23:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AG0	P2077-06	BM045445.D	04/21/2024
C0AG1	P2077-07	BM045446.D	04/21/2024
C0AG2	P2077-08	BM045448.D	04/21/2024
C0AL3	P2077-09	BM045449.D	04/21/2024
C0AL4	P2077-10	BM045450.D	04/21/2024
PB160291BS	PB160291BS	BM045452.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK293

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045429.D

Lab Sample ID: PB160293BL

Instrument ID: BNA_M

Date Extracted: 04/16/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 17:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCST2	P2053-04	BM045431.D	04/20/2024
YCSSL4	P2053-05	BM045432.D	04/20/2024
YCSSL5	P2053-06	BM045433.D	04/20/2024
YCST3	P2053-07	BM045434.D	04/20/2024
PB160293BS	PB160293BS	BM045447.D	04/21/2024
C0AL9	P2077-12	BM045439.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK317

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045455.D

Lab Sample ID: PB160317BL

Instrument ID: BNA_M

Date Extracted: 04/16/2024

Matrix: (soil/water) Water

Date Analyzed: 04/21/2024

Level: (low/med) LOW

Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSW2	P2053-08	BM045456.D	04/21/2024
YCSW3	P2053-09	BM045457.D	04/21/2024
E0MH4	P2117-01	BM045458.D	04/21/2024
PB160317BS	PB160317BS	BM045469.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK333

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045430.D

Lab Sample ID: PB160333BL

Instrument ID: BNA_M

Date Extracted: 04/17/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 18:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160333BS	PB160333BS	BM045435.D	04/20/2024
E0MG8	P2117-02	BM045440.D	04/21/2024
E0MG9	P2117-03	BM045441.D	04/21/2024
E0MH1	P2117-05	BM045442.D	04/21/2024
E0MH2	P2117-06	BM045443.D	04/21/2024
E0MH3	P2117-07	BM045444.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK405

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045454.D

Lab Sample ID: PB160405BL

Instrument ID: BNA_M

Date Extracted: 04/19/2024

Matrix: (soil/water) Water

Date Analyzed: 04/21/2024

Level: (low/med) LOW

Time Analyzed: 10:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160405BS	PB160405BS	BM045470.D	04/21/2024
YCSR0	P2140-04	BM045459.D	04/21/2024
YCSR1	P2140-05	BM045460.D	04/21/2024
YCSR2	P2140-06	BM045461.D	04/21/2024
YCSR3	P2140-07	BM045462.D	04/21/2024
YCSZ1	P2140-08	BM045463.D	04/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK406

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042024

SAS No.: BM042024 SDG NO.: BM042024

Lab File ID: BM045438.D

Lab Sample ID: PB160406BL

Instrument ID: BNA_M

Date Extracted: 04/19/2024

Matrix: (soil/water) Water

Date Analyzed: 04/21/2024

Level: (low/med) LOW

Time Analyzed: 00:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSZ2	P2140-09	BM045464.D	04/21/2024
YCSZ3	P2140-10	BM045465.D	04/21/2024
YCSP5	P2140-11	BM045466.D	04/21/2024
YCSP6	P2140-12	BM045467.D	04/21/2024
C0AK9	P2181-01	BM045468.D	04/21/2024
PB160406BS	PB160406BS	BM045451.D	04/21/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SSTDCCC0.4	SSTD0.4082	BM045421.D	1,4-Dioxane-d8	8	385.00	4813	*	15	120
			Fluoranthene-d10	0.4	385.00	96250	*	30	130
			2-Methylnaphthalene-d10	0.4	400.00	100000	*	30	130
SSTDICV0.4	SICV035	BM045428.D	1,4-Dioxane-d8	8	434.00	5425	*	15	120
			Fluoranthene-d10	0.4	479.00	119750	*	30	130
			2-Methylnaphthalene-d10	0.4	459.00	114750	*	30	130



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: **BM042024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2077-06	C0AG0	BM045445.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P2077-07	C0AG1	BM045446.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P2077-08	C0AG2	BM045448.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P2077-09	C0AL3	BM045449.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P2077-10	C0AL4	BM045450.D	1,4-Dioxane-d8	8	1.62	20		15	120
			Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		30	130
PB160291BL	PB160291BL	BM045437.D	1,4-Dioxane-d8	8	6.30	79		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB160291BS	PB160291BS	BM045452.D	1,4-Dioxane-d8	0.8	0.77	97		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130

Surrogate Summary

SW-846

SDG No.: **BM042024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2053-04	YCST2	BM045431.D	1,4-Dioxane-d8	8	4.39	55	*	15	120
			Fluoranthene-d10	0.4	0.56	140		30	130
			2-Methylnaphthalene-d10	0.4	0.47	117		30	130
P2053-05	YCSSL4	BM045432.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P2053-06	YCSSL5	BM045433.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P2053-07	YCST3	BM045434.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2077-12	C0AL9	BM045439.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB160293BL	PB160293BL	BM045429.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB160293BS	PB160293BS	BM045447.D	1,4-Dioxane-d8	0.8	0.79	99		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2053-08	YCSW2	BM045456.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P2053-09	YCSW3	BM045457.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P2117-01	E0MH4	BM045458.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB160317BL	PB160317BL	BM045455.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB160317BS	PB160317BS	BM045469.D	1,4-Dioxane-d8	0.8	0.87	109		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.51	126		30	130



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Surrogate Summary

SW-846

SDG No.: **BM042024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2117-02	E0MG8	BM045440.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P2117-03	E0MG9	BM045441.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P2117-05	E0MH1	BM045442.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P2117-06	E0MH2	BM045443.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
P2117-07	E0MH3	BM045444.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB160333BL	PB160333BL	BM045430.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
PB160333BS	PB160333BS	BM045435.D	1,4-Dioxane-d8	0.8	0.85	107		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

Surrogate Summary

SW-846

SDG No.: **BM042024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2140-04	YCSR0	BM045459.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P2140-05	YCSR1	BM045460.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.46	114		30	130
P2140-06	YCSR2	BM045461.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.43	106		30	130
P2140-07	YCSR3	BM045462.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P2140-08	YCSZ1	BM045463.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Fluoranthene-d10	0.4	0.56	140	*	30	130
			2-Methylnaphthalene-d10	0.4	0.46	115		30	130
PB160405BL	PB160405BL	BM045454.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
PB160405BS	PB160405BS	BM045470.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.58	146	*	30	130
			2-Methylnaphthalene-d10	0.4	0.49	122		30	130



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM042024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2140-09	YCSZ2	BM045464.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130
P2140-10	YCSZ3	BM045465.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.43	108		30	130
P2140-11	YCSP5	BM045466.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2140-12	YCSP6	BM045467.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130
P2181-01	C0AK9	BM045468.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.55	137	*	30	130
PB160406BL	PB160406BL	BM045438.D	1,4-Dioxane-d8	8	5.78	72		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB160406BS	PB160406BS	BM045451.D	1,4-Dioxane-d8	0.8	0.90	112		15	120
			Fluoranthene-d10	0.4	0.57	142	*	30	130
			2-Methylnaphthalene-d10	0.4	0.47	116		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042024

Lab Code: CHEM

SAS No.: BM042024

SDG NO.: BM042024

Lab File ID: BM045420.D

DFTPP Injection Date: 04/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68
68	Less than 2.0% of mass 69	1 (1.5) 1
69	Mass 69 relative abundance	65.4
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	68
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	6.1
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.5
443	15.0 - 24.0% of mass 442	16.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4082	SSTDCCC0.4	BM045421.D	04/20/2024	13:06
SSTD0.1029	SSTD0.121	BM045422.D	04/20/2024	13:42
SSTD0.2030	SSTD0.222	BM045423.D	04/20/2024	14:19
SSTD0.4031	SSTD0.423	BM045424.D	04/20/2024	14:55
SSTD0.8032	SSTD0.824	BM045425.D	04/20/2024	15:32
SSTD1.6033	SSTD1.625	BM045426.D	04/20/2024	16:09
SSTD3.2034	SSTD3.226	BM045427.D	04/20/2024	16:46
SICV035	SSTDICV0.4	BM045428.D	04/20/2024	17:22
SBLK293	PB160293BL	BM045429.D	04/20/2024	17:59
SBLK333	PB160333BL	BM045430.D	04/20/2024	18:36
YCST2	P2053-04	BM045431.D	04/20/2024	19:13
YCST4	P2053-05	BM045432.D	04/20/2024	19:50
YCST5	P2053-06	BM045433.D	04/20/2024	20:26
YCST3	P2053-07	BM045434.D	04/20/2024	21:03
SLCS333	PB160333BS	BM045435.D	04/20/2024	21:40
SSTD0.4083	SSTDCCC0.4	BM045436.D	04/20/2024	22:53
SBLK291	PB160291BL	BM045437.D	04/20/2024	23:29
SBLK406	PB160406BL	BM045438.D	04/21/2024	00:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042024

Lab Code: CHEM

SAS No.: BM042024

SDG NO.: BM042024

Lab File ID: BM045420.D

DFTPP Injection Date: 04/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	68
68	Less than 2.0% of mass 69	1 (1.5) 1
69	Mass 69 relative abundance	65.4
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	68
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	6.1
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.5
443	15.0 - 24.0% of mass 442	16.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0AL9	P2077-12	BM045439.D	04/21/2024	00:42
E0MG8	P2117-02	BM045440.D	04/21/2024	01:19
E0MG9	P2117-03	BM045441.D	04/21/2024	01:55
E0MH1	P2117-05	BM045442.D	04/21/2024	02:32
E0MH2	P2117-06	BM045443.D	04/21/2024	03:08
E0MH3	P2117-07	BM045444.D	04/21/2024	03:44
C0AG0	P2077-06	BM045445.D	04/21/2024	04:20
C0AG1	P2077-07	BM045446.D	04/21/2024	04:56
SLCS293	PB160293BS	BM045447.D	04/21/2024	05:32
C0AG2	P2077-08	BM045448.D	04/21/2024	06:09
C0AL3	P2077-09	BM045449.D	04/21/2024	06:45
C0AL4	P2077-10	BM045450.D	04/21/2024	07:21
SLCS406	PB160406BS	BM045451.D	04/21/2024	07:57
SLCS291	PB160291BS	BM045452.D	04/21/2024	08:33
SSTD0.4084	SSTDCCC0.4	BM045453.D	04/21/2024	09:44
SBLK405	PB160405BL	BM045454.D	04/21/2024	10:20
SBLK317	PB160317BL	BM045455.D	04/21/2024	10:56
YCSW2	P2053-08	BM045456.D	04/21/2024	11:32

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042024

Lab Code: CHEM

SAS No.: BM042024

SDG NO.: BM042024

Lab File ID: BM045420.D

DFTPP Injection Date: 04/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 12:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
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69	Mass 69 relative abundance	65.4
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442	Greater than 50% of mass 198	86.5
443	15.0 - 24.0% of mass 442	16.8 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YCSW3	P2053-09	BM045457.D	04/21/2024	12:09
E0MH4	P2117-01	BM045458.D	04/21/2024	12:45
YCSR0	P2140-04	BM045459.D	04/21/2024	13:21
YCSR1	P2140-05	BM045460.D	04/21/2024	13:57
YCSR2	P2140-06	BM045461.D	04/21/2024	14:33
YCSR3	P2140-07	BM045462.D	04/21/2024	15:09
YCSZ1	P2140-08	BM045463.D	04/21/2024	15:45
YCSZ2	P2140-09	BM045464.D	04/21/2024	16:21
YCSZ3	P2140-10	BM045465.D	04/21/2024	16:58
YCSP5	P2140-11	BM045466.D	04/21/2024	17:34
YCSP6	P2140-12	BM045467.D	04/21/2024	18:10
C0AK9	P2181-01	BM045468.D	04/21/2024	18:46
SLCS317	PB160317BS	BM045469.D	04/21/2024	19:22
SLCS405	PB160405BS	BM045470.D	04/21/2024	19:58
SSTD0.4085	SSTDCCC0.4EC	BM045471.D	04/21/2024	21:11