

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG No.: BN080224

Instrument ID: BNA_N Calibration Date/Time: 8/1/2024 12:16:27

Lab File ID: BN033169.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4294 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.663	0.010	14.953	40.0
1,4-Dioxane-d8	0.506	0.585	0.010	15.7054	40.0
Naphthalene	1.027	1.073	0.600	4.4849	30.0
1-Methylnaphthalene	0.753	0.734	0.300	-2.4782	30.0
2-Methylnaphthalene	0.696	0.671	0.300	-3.59	30.0
Acenaphthylene	1.637	1.667	0.900	1.8178	30.0
Acenaphthene	1.231	1.326	0.500	7.7029	30.0
Fluorene	1.435	1.479	0.700	3.0566	30.0
Pentachlorophenol	0.081	0.094	0.010	15.3365	50.0
Phenanthrene	1.073	1.032	0.300	-3.7769	30.0
Anthracene	0.965	0.880	0.400	-8.8139	30.0
Fluoranthene	1.317	1.600	0.400	21.4822	30.0
Pyrene	1.412	1.691	0.500	19.7352	30.0
Benzo (a) anthracene	1.364	1.258	0.400	-7.7882	30.0
Chrysene	1.592	1.669	0.400	4.8333	30.0
Benzo (b) fluoranthene	1.168	1.177	0.200	0.708	30.0
Benzo (k) fluoranthene	1.400	1.478	0.200	5.5387	30.0
Benzo (a) pyrene	1.100	1.067	0.200	-2.9554	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.557	0.200	-6.8767	30.0
Dibenzo (a,h) anthracene	1.325	1.218	0.200	-8.0823	30.0
Benzo (g,h,i) perylene	1.329	1.263	0.200	-4.9697	30.0
Fluoranthene-d10	1.133	1.296	0.400	14.4294	30.0
2-Methylnaphthalene-d10	0.653	0.618	0.300	-5.2627	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.: BN080224 SAS No.: BN080224 SDG No.: BN080224

Instrument ID: BNA_N Calibration Date/Time: 8/2/2024 12:02:43

Lab File ID: BN033185.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4295 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.610	0.010	5.7139	40.0
1,4-Dioxane-d8	0.506	0.530	0.010	4.8057	40.0
Naphthalene	1.027	1.018	0.600	-0.8889	30.0
1-Methylnaphthalene	0.753	0.649	0.300	-13.7395	30.0
2-Methylnaphthalene	0.696	0.586	0.300	-15.7306	30.0
Acenaphthylene	1.637	1.524	0.900	-6.8991	30.0
Acenaphthene	1.231	1.319	0.500	7.1024	30.0
Fluorene	1.435	1.378	0.700	-3.9662	30.0
Pentachlorophenol	0.081	0.076	0.010	-6.6296	50.0
Phenanthrene	1.073	1.028	0.300	-4.18	30.0
Anthracene	0.965	0.819	0.400	-15.1305	30.0
Fluoranthene	1.317	1.534	0.400	16.4574	30.0
Pyrene	1.412	1.595	0.500	12.9642	30.0
Benzo (a) anthracene	1.364	1.108	0.400	-18.8108	30.0
Chrysene	1.592	1.681	0.400	5.5703	30.0
Benzo (b) fluoranthene	1.168	1.121	0.200	-4.105	30.0
Benzo (k) fluoranthene	1.400	1.582	0.200	12.9665	30.0
Benzo (a) pyrene	1.100	1.042	0.200	-5.2786	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.478	0.200	-11.5967	30.0
Dibenzo (a,h) anthracene	1.325	1.139	0.200	-14.0753	30.0
Benzo (g,h,i) perylene	1.329	1.241	0.200	-6.5647	30.0
Fluoranthene-d10	1.133	1.233	0.400	8.8672	30.0
2-Methylnaphthalene-d10	0.653	0.563	0.300	-13.7482	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK413	SDG No.:	BN080224
Lab Sample ID:	PB162413BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033170.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.702		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2559	7.482				
1146-65-2	Naphthalene-d8	8415	10.234				
15067-26-2	Acenaphthene-d10	4785	14.124				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK413	SDG No.:	BN080224
Lab Sample ID:	PB162413BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033170.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11479	16.894				
1719-03-5	Chrysene-d12	7294	21.16				
1520-96-3	Perylene-d12	3790	23.325				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	SBLK411	SDG No.:	BN080224
Lab Sample ID:	PB162411BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033171.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.05		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.214		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3211	7.482				
1146-65-2	Naphthalene-d8	9956	10.234				
15067-26-2	Acenaphthene-d10	5798	14.125				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	SBLK411	SDG No.:	BN080224
Lab Sample ID:	PB162411BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033171.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12611	16.895				
1719-03-5	Chrysene-d12	8273	21.16				
1520-96-3	Perylene-d12	5108	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1G79	SDG No.:	BN080224
Lab Sample ID:	P3401-01	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
BN033172.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.714		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2867	7.486				
1146-65-2	Naphthalene-d8	8614	10.234				
15067-26-2	Acenaphthene-d10	4834	14.125				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1G79	SDG No.:	BN080224
Lab Sample ID:	P3401-01	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
BN033172.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10494	16.895				
1719-03-5	Chrysene-d12	7907	21.154				
1520-96-3	Perylene-d12	5048	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1G80	SDG No.:	BN080224
Lab Sample ID:	P3401-07	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
BN033173.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	J	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	J	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	J	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	J	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.311		15-120		16	SPK: -8
93951-69-0	Fluoranthene-d10	0.191		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.124		30-130		31	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4619	7.482				
1146-65-2	Naphthalene-d8	14670	10.235				
15067-26-2	Acenaphthene-d10	8233	14.125				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1G80	SDG No.:	BN080224
Lab Sample ID:	P3401-07	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
BN033173.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17721	16.895				
1719-03-5	Chrysene-d12	13868	21.145				
1520-96-3	Perylene-d12	10013	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GA0	SDG No.:	BN080224
Lab Sample ID:	P3401-08	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
BN033174.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.469		15-120		18	SPK: -8
93951-69-0	Fluoranthene-d10	0.234		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.178		30-130		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3833	7.482				
1146-65-2	Naphthalene-d8	12779	10.235				
15067-26-2	Acenaphthene-d10	7605	14.125				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GA0	SDG No.:	BN080224
Lab Sample ID:	P3401-08	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
BN033174.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16898	16.895				
1719-03-5	Chrysene-d12	14085	21.142				
1520-96-3	Perylene-d12	9808	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF4	SDG No.:	BN080224
Lab Sample ID:	P3401-09	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
BN033175.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.377		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2748		7.486			
1146-65-2	Naphthalene-d8	8874		10.234			
15067-26-2	Acenaphthene-d10	5545		14.124			

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF4	SDG No.:	BN080224
Lab Sample ID:	P3401-09	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
BN033175.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12239	16.895				
1719-03-5	Chrysene-d12	10373	21.154				
1520-96-3	Perylene-d12	5842	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF5	SDG No.:	BN080224
Lab Sample ID:	P3401-10	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
BN033176.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.07	J	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	J	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	J	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	J	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.158		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3052		7.486			
1146-65-2	Naphthalene-d8	8940		10.234			
15067-26-2	Acenaphthene-d10	5495		14.124			

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF5	SDG No.:	BN080224
Lab Sample ID:	P3401-10	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
BN033176.D	1	7/31/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11143	16.894				
1719-03-5	Chrysene-d12	8904	21.154				
1520-96-3	Perylene-d12	5338	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3	SDG No.:	BN080224
Lab Sample ID:	P3401-03	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
BN033177.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.272		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3016		7.486			
1146-65-2	Naphthalene-d8	10523		10.234			
15067-26-2	Acenaphthene-d10	5717		14.125			

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3	SDG No.:	BN080224
Lab Sample ID:	P3401-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033177.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12103	16.895				
1719-03-5	Chrysene-d12	9005	21.139				
1520-96-3	Perylene-d12	6326	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3MS	SDG No.:	BN080224
Lab Sample ID:	P3401-04MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033178.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.87		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.8		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.53		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.52		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.276		15-120		34	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2544	7.516				
1146-65-2	Naphthalene-d8	9106	10.267				
15067-26-2	Acenaphthene-d10	5032	14.138				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3MS	SDG No.:	BN080224
Lab Sample ID:	P3401-04MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033178.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11255	16.916				
1719-03-5	Chrysene-d12	8902	21.134				
1520-96-3	Perylene-d12	8788	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3MSD	SDG No.:	BN080224
Lab Sample ID:	P3401-05MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033179.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.82		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.79		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.53		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.267		15-120		33	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.427		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2733	7.512				
1146-65-2	Naphthalene-d8	9683	10.267				
15067-26-2	Acenaphthene-d10	5807	14.134				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GG3MSD	SDG No.:	BN080224
Lab Sample ID:	P3401-05MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033179.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12969	16.911				
1719-03-5	Chrysene-d12	10269	21.131				
1520-96-3	Perylene-d12	9992	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	SLCS411	SDG No.:	BN080224
Lab Sample ID:	PB162411BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033180.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.41		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.28		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.31		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.31		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.728		15-120		91	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	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	2246	7.566				
1146-65-2	Naphthalene-d8	6600	10.317				
15067-26-2	Acenaphthene-d10	4289	14.157				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	SLCS411	SDG No.:	BN080224
Lab Sample ID:	PB162411BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033180.D	1	7/30/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162411

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9090	16.941				
1719-03-5	Chrysene-d12	7381	21.151				
1520-96-3	Perylene-d12	7406	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GF1	SDG No.:	BN080224
Lab Sample ID:	P3359-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033181.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.554		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.421		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2942		7.486			
1146-65-2	Naphthalene-d8	9235		10.234			
15067-26-2	Acenaphthene-d10	5647		14.124			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GF1	SDG No.:	BN080224
Lab Sample ID:	P3359-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033181.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11856	16.894				
1719-03-5	Chrysene-d12	8490	21.154				
1520-96-3	Perylene-d12	4884	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1G78	SDG No.:	BN080224
Lab Sample ID:	P3359-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033182.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.087		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.242		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.177		30-130		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2946		7.486			
1146-65-2	Naphthalene-d8	8975		10.24			
15067-26-2	Acenaphthene-d10	5239		14.129			

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1G78	SDG No.:	BN080224
Lab Sample ID:	P3359-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033182.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11434	16.895				
1719-03-5	Chrysene-d12	10570	21.142				
1520-96-3	Perylene-d12	6158	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF3	SDG No.:	BN080224
Lab Sample ID:	P3359-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033183.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.202		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.268		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3176	7.482				
1146-65-2	Naphthalene-d8	10143	10.235				
15067-26-2	Acenaphthene-d10	6106	14.125				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF3	SDG No.:	BN080224
Lab Sample ID:	P3359-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033183.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12700	16.895				
1719-03-5	Chrysene-d12	9867	21.151				
1520-96-3	Perylene-d12	5294	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS413	SDG No.:	BN080224
Lab Sample ID:	PB162413BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033184.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.3		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.24		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.25		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.27		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.27		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.33		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.28		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.24		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.24		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.29		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.32		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.26		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.26		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.3		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.646		15-120		81	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.344		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2455	7.558				
1146-65-2	Naphthalene-d8	8176	10.323				
15067-26-2	Acenaphthene-d10	5137	14.157				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS413	SDG No.:	BN080224
Lab Sample ID:	PB162413BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033184.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162413

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10332	16.945				
1719-03-5	Chrysene-d12	8566	21.151				
1520-96-3	Perylene-d12	8514	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK329	SDG No.:	BN080224
Lab Sample ID:	PB162329BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033186.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.87		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.284		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		30-130		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3126	7.482				
1146-65-2	Naphthalene-d8	10304	10.235				
15067-26-2	Acenaphthene-d10	5887	14.125				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK329	SDG No.:	BN080224
Lab Sample ID:	PB162329BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033186.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13305	16.895				
1719-03-5	Chrysene-d12	10129	21.16				
1520-96-3	Perylene-d12	4477	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK327	SDG No.:	BN080224
Lab Sample ID:	PB162327BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033187.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.317		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.359		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3356	7.486				
1146-65-2	Naphthalene-d8	11382	10.234				
15067-26-2	Acenaphthene-d10	6687	14.124				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	SBLK327	SDG No.:	BN080224
Lab Sample ID:	PB162327BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033187.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13068	16.894				
1719-03-5	Chrysene-d12	9165	21.16				
1520-96-3	Perylene-d12	4599	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D22	SDG No.:	BN080224
Lab Sample ID:	P3265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033188.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	U	1.7	0	11	ug/Kg
91-20-3	Naphthalene	59		0.58	1.3	5.2	ug/Kg
90-12-0	1-Methylnaphthalene	24		1.3	1.3	5.2	ug/Kg
91-57-6	2-Methylnaphthalene	33		0.54	1.3	5.2	ug/Kg
208-96-8	Acenaphthylene	67		0.74	1.3	5.2	ug/Kg
83-32-9	Acenaphthene	120	E	0.62	1.3	5.2	ug/Kg
86-73-7	Fluorene	100	E	1.1	1.3	5.2	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	2.6	11	ug/Kg
85-01-8	Phenanthrene	1300	E	0.81	1.3	5.2	ug/Kg
120-12-7	Anthracene	260	E	0.82	1.3	5.2	ug/Kg
206-44-0	Fluoranthene	3100	E	1.1	1.3	5.2	ug/Kg
129-00-0	Pyrene	2200	E	0.82	1.3	5.2	ug/Kg
56-55-3	Benzo(a)anthracene	1100	E	0.66	1.3	5.2	ug/Kg
218-01-9	Chrysene	1100	E	0.66	1.3	5.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	E	0.33	1.3	5.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	470	E	0.62	1.3	5.2	ug/Kg
50-32-8	Benzo(a)pyrene	800	E	0.57	1.3	5.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520	E	1.4	1.3	5.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	E	1.4	1.3	5.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	E	1.5	1.3	5.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.337		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.249		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.157		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3154		7.482			
1146-65-2	Naphthalene-d8	10172		10.24			
15067-26-2	Acenaphthene-d10	6326		14.12			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D22	SDG No.:	BN080224
Lab Sample ID:	P3265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033188.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14006	16.886				
1719-03-5	Chrysene-d12	8792	21.107				
1520-96-3	Perylene-d12	10638	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D39	SDG No.:	BN080224
Lab Sample ID:	P3265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033189.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.2	ug/Kg
91-20-3	Naphthalene	29		0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	11		1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	70	E	0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	54		0.48	1	4.1	ug/Kg
86-73-7	Fluorene	50		0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	3.9	J	1.7	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	710	E	0.63	1	4.1	ug/Kg
120-12-7	Anthracene	150	E	0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	1500	E	0.84	1	4.1	ug/Kg
129-00-0	Pyrene	1100	E	0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	700	E	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	670	E	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	E	0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	530	E	0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65		1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.911		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.162		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.121		20-140		30	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4301		7.47			
1146-65-2	Naphthalene-d8	13064		10.229			
15067-26-2	Acenaphthene-d10	6861		14.115			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D39	SDG No.:	BN080224
Lab Sample ID:	P3265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033189.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13845	16.882				
1719-03-5	Chrysene-d12	10701	21.107				
1520-96-3	Perylene-d12	14271	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D40	SDG No.:	BN080224
Lab Sample ID:	P3265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033190.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	15		0.45	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	5.7		1	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	8.5		0.41	0.99	4	ug/Kg
208-96-8	Acenaphthylene	40		0.57	0.99	4	ug/Kg
83-32-9	Acenaphthene	23		0.47	0.99	4	ug/Kg
86-73-7	Fluorene	24		0.82	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.2	J	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	330	E	0.61	0.99	4	ug/Kg
120-12-7	Anthracene	67	E	0.63	0.99	4	ug/Kg
206-44-0	Fluoranthene	990	E	0.82	0.99	4	ug/Kg
129-00-0	Pyrene	720	E	0.63	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	340	E	0.51	0.99	4	ug/Kg
218-01-9	Chrysene	350	E	0.51	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	610	E	0.25	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.47	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	280	E	0.43	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	1	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	E	1.1	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42		1.2	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.744		15-120		22	SPK: -8
93951-69-0	Fluoranthene-d10	0.206		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.127		20-140		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4212		7.465			
1146-65-2	Naphthalene-d8	12930		10.229			
15067-26-2	Acenaphthene-d10	7453		14.115			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D40	SDG No.:	BN080224
Lab Sample ID:	P3265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033190.D	1	7/19/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16789	16.882				
1719-03-5	Chrysene-d12	10714	21.107				
1520-96-3	Perylene-d12	11820	23.284				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BN080224
Lab Sample ID:	P3378-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033191.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

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	860	E	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	220	E	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	2.2	E	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	140	E	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	77	E	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	53	E	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	220	E	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	30	E	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	89	E	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	57	E	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	13	E	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	9	E	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	12	E	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	3.5	E	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	7.5	E	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	E	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.74		0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2.6	E	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.893		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.638	*	30-130		160	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.196		30-130		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4046		7.461			
1146-65-2	Naphthalene-d8	16238		10.179			
15067-26-2	Acenaphthene-d10	18481		14.106			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX7	SDG No.:	BN080224
Lab Sample ID:	P3378-02	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
BN033191.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14902	16.886				
1719-03-5	Chrysene-d12	12342	21.11				
1520-96-3	Perylene-d12	11834	23.282				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BN080224
Lab Sample ID:	P3378-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033192.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	190	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	26	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	42	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	3.4	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	93	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	59	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	87	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	19	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	14	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	7.4	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	1.4		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.92		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.93		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.73		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.27		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.1		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.801		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.374		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.026	*	30-130		6	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4004		7.461			
1146-65-2	Naphthalene-d8	150770		10.179			
15067-26-2	Acenaphthene-d10	14257		14.097			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY7	SDG No.:	BN080224
Lab Sample ID:	P3378-04	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
BN033192.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17973	16.886				
1719-03-5	Chrysene-d12	12616	21.113				
1520-96-3	Perylene-d12	14175	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BN080224
Lab Sample ID:	P3378-01	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
BN033193.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.81		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1.9	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.06	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.59		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	32	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	12	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.49		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	1.1		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	5.7	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	4.1	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.23		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.14		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.12		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.08	J	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.49		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.369		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		30-130		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4111		7.465			
1146-65-2	Naphthalene-d8	13534		10.223			
15067-26-2	Acenaphthene-d10	8246		14.111			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AX2	SDG No.:	BN080224
Lab Sample ID:	P3378-01	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
BN033193.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15883	16.882				
1719-03-5	Chrysene-d12	10775	21.116				
1520-96-3	Perylene-d12	11705	23.29				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BN080224
Lab Sample ID:	P3378-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033194.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

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	0.16		0.01	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	0.06	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.04	J	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.18		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	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	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	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	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.688		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.233		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3905		7.465			
1146-65-2	Naphthalene-d8	13504		10.223			
15067-26-2	Acenaphthene-d10	7661		14.115			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AY3	SDG No.:	BN080224
Lab Sample ID:	P3378-03	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
BN033194.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15927	16.886				
1719-03-5	Chrysene-d12	10241	21.125				
1520-96-3	Perylene-d12	9739	23.293				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BN080224
Lab Sample ID:	P3359-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033195.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.08	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.213		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.259		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4321		7.465			
1146-65-2	Naphthalene-d8	13426		10.223			
15067-26-2	Acenaphthene-d10	7058		14.115			

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF6	SDG No.:	BN080224
Lab Sample ID:	P3359-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033195.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13390	16.886				
1719-03-5	Chrysene-d12	10580	21.134				
1520-96-3	Perylene-d12	11466	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D22								
P3265-05	A4D22	Solid	Total Alkanes	*	0.000	1.7	11	ug/Kg
			Total Tics :			0.00		
P3265-05	A4D22	Solid	1-Methylnaphthalene		24.000	1.3	5.2	ug/Kg
P3265-05	A4D22	Solid	2-Methylnaphthalene		33.000	0.54	5.2	ug/Kg
P3265-05	A4D22	Solid	Acenaphthene		120.000	E 0.62	5.2	ug/Kg
P3265-05	A4D22	Solid	Acenaphthylene		67.000	0.74	5.2	ug/Kg
P3265-05	A4D22	Solid	Anthracene		260.000	E 0.82	5.2	ug/Kg
P3265-05	A4D22	Solid	Benzo(a)anthracene		1,100.000	E 0.66	5.2	ug/Kg
P3265-05	A4D22	Solid	Benzo(a)pyrene		800.000	E 0.57	5.2	ug/Kg
P3265-05	A4D22	Solid	Benzo(b)fluoranthene		1,700.000	E 0.33	5.2	ug/Kg
P3265-05	A4D22	Solid	Benzo(g,h,i)perylene		100.000	E 1.5	5.2	ug/Kg
P3265-05	A4D22	Solid	Benzo(k)fluoranthene		470.000	E 0.62	5.2	ug/Kg
P3265-05	A4D22	Solid	Chrysene		1,100.000	E 0.66	5.2	ug/Kg
P3265-05	A4D22	Solid	Dibenzo(a,h)anthracene		190.000	E 1.4	5.2	ug/Kg
P3265-05	A4D22	Solid	Fluoranthene		3,100.000	E 1.1	5.2	ug/Kg
P3265-05	A4D22	Solid	Fluorene		100.000	E 1.1	5.2	ug/Kg
P3265-05	A4D22	Solid	Indeno(1,2,3-cd)pyrene		520.000	E 1.4	5.2	ug/Kg
P3265-05	A4D22	Solid	Naphthalene		59.000	0.58	5.2	ug/Kg
P3265-05	A4D22	Solid	Phenanthrene		1,300.000	E 0.81	5.2	ug/Kg
P3265-05	A4D22	Solid	Pyrene		2,200.000	E 0.82	5.2	ug/Kg
			Total Svoc :			13,243.00		
			Total Concentration:			13,243.00		
Client ID : A4D39								
P3265-06	A4D39	Solid	Total Alkanes	*	0.000	1.4	8.2	ug/Kg
			Total Tics :			0.00		
P3265-06	A4D39	Solid	1-Methylnaphthalene		11.000	1	4.1	ug/Kg
P3265-06	A4D39	Solid	2-Methylnaphthalene		16.000	0.42	4.1	ug/Kg
P3265-06	A4D39	Solid	Acenaphthene		54.000	0.48	4.1	ug/Kg
P3265-06	A4D39	Solid	Acenaphthylene		70.000	E 0.58	4.1	ug/Kg
P3265-06	A4D39	Solid	Anthracene		150.000	E 0.64	4.1	ug/Kg
P3265-06	A4D39	Solid	Benzo(a)anthracene		700.000	E 0.52	4.1	ug/Kg
P3265-06	A4D39	Solid	Benzo(a)pyrene		530.000	E 0.44	4.1	ug/Kg
P3265-06	A4D39	Solid	Benzo(b)fluoranthene		1,100.000	E 0.26	4.1	ug/Kg
P3265-06	A4D39	Solid	Benzo(g,h,i)perylene		65.000	1.2	4.1	ug/Kg
P3265-06	A4D39	Solid	Benzo(k)fluoranthene		280.000	E 0.48	4.1	ug/Kg
P3265-06	A4D39	Solid	Chrysene		670.000	E 0.52	4.1	ug/Kg
P3265-06	A4D39	Solid	Dibenzo(a,h)anthracene		120.000	E 1.1	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3265-06	A4D39	Solid	Fluoranthene	1,500.000	E	0.84	4.1	ug/Kg
P3265-06	A4D39	Solid	Fluorene	50.000		0.84	4.1	ug/Kg
P3265-06	A4D39	Solid	Indeno(1,2,3-cd)pyrene	320.000	E	1.1	4.1	ug/Kg
P3265-06	A4D39	Solid	Naphthalene	29.000		0.46	4.1	ug/Kg
P3265-06	A4D39	Solid	Pentachlorophenol	3.900	J	1.7	8.2	ug/Kg
P3265-06	A4D39	Solid	Phenanthrene	710.000	E	0.63	4.1	ug/Kg
P3265-06	A4D39	Solid	Pyrene	1,100.000	E	0.64	4.1	ug/Kg
Total Svoc :				7,478.90				
Total Concentration:				7,478.90				
Client ID : A4D40								
P3265-07	A4D40	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
Total Tics :				0.00				
P3265-07	A4D40	Solid	1-Methylnaphthalene	5.700		1	4	ug/Kg
P3265-07	A4D40	Solid	2-Methylnaphthalene	8.500		0.41	4	ug/Kg
P3265-07	A4D40	Solid	Acenaphthene	23.000		0.47	4	ug/Kg
P3265-07	A4D40	Solid	Acenaphthylene	40.000		0.57	4	ug/Kg
P3265-07	A4D40	Solid	Anthracene	67.000	E	0.63	4	ug/Kg
P3265-07	A4D40	Solid	Benzo(a)anthracene	340.000	E	0.51	4	ug/Kg
P3265-07	A4D40	Solid	Benzo(a)pyrene	280.000	E	0.43	4	ug/Kg
P3265-07	A4D40	Solid	Benzo(b)fluoranthene	610.000	E	0.25	4	ug/Kg
P3265-07	A4D40	Solid	Benzo(g,h,i)perylene	42.000		1.2	4	ug/Kg
P3265-07	A4D40	Solid	Benzo(k)fluoranthene	160.000	E	0.47	4	ug/Kg
P3265-07	A4D40	Solid	Chrysene	350.000	E	0.51	4	ug/Kg
P3265-07	A4D40	Solid	Dibenzo(a,h)anthracene	71.000	E	1.1	4	ug/Kg
P3265-07	A4D40	Solid	Fluoranthene	990.000	E	0.82	4	ug/Kg
P3265-07	A4D40	Solid	Fluorene	24.000		0.82	4	ug/Kg
P3265-07	A4D40	Solid	Indeno(1,2,3-cd)pyrene	190.000	E	1	4	ug/Kg
P3265-07	A4D40	Solid	Naphthalene	15.000		0.45	4	ug/Kg
P3265-07	A4D40	Solid	Pentachlorophenol	2.200	J	1.7	8.1	ug/Kg
P3265-07	A4D40	Solid	Phenanthrene	330.000	E	0.61	4	ug/Kg
P3265-07	A4D40	Solid	Pyrene	720.000	E	0.63	4	ug/Kg
Total Svoc :				4,268.40				
Total Concentration:				4,268.40				
Client ID : E1GF1								
P3359-13	E1GF1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3359-13	E1GF1	Water	Naphthalene	0.040	J	0.011	0.1	ug/L
Total Svoc :				0.04				
Total Concentration:				0.04				

Hit Summary Sheet

SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	E1G78							
P3359-14	E1G78	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GF3							
P3359-16	E1GF3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3359-16	E1GF3	Water	Naphthalene		0.050	J 0.011	0.1	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID :	E1GF6							
P3359-17	E1GF6	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3359-17	E1GF6	Water	Naphthalene		0.080	J 0.011	0.1	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		
Client ID :	C0AX2							
P3378-01	C0AX2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3378-01	C0AX2	Water	1-Methylnaphthalene		1.900	E 0.024	0.1	ug/L
P3378-01	C0AX2	Water	2-Methylnaphthalene		0.060	J 0.011	0.1	ug/L
P3378-01	C0AX2	Water	Acenaphthene		32.000	E 0.013	0.1	ug/L
P3378-01	C0AX2	Water	Acenaphthylene		0.590	0.014	0.1	ug/L
P3378-01	C0AX2	Water	Anthracene		1.100	0.011	0.1	ug/L
P3378-01	C0AX2	Water	Benzo(a)anthracene		0.230	0.015	0.1	ug/L
P3378-01	C0AX2	Water	Benzo(a)pyrene		0.080	J 0.012	0.1	ug/L
P3378-01	C0AX2	Water	Benzo(b)fluoranthene		0.120	0.004	0.1	ug/L
P3378-01	C0AX2	Water	Benzo(g,h,i)perylene		0.050	J 0.025	0.1	ug/L
P3378-01	C0AX2	Water	Benzo(k)fluoranthene		0.040	J 0.019	0.1	ug/L
P3378-01	C0AX2	Water	Chrysene		0.140	0.014	0.1	ug/L
P3378-01	C0AX2	Water	Fluoranthene		5.700	E 0.022	0.1	ug/L
P3378-01	C0AX2	Water	Fluorene		12.000	E 0.022	0.1	ug/L
P3378-01	C0AX2	Water	Indeno(1,2,3-cd)pyrene		0.040	J 0.023	0.1	ug/L
P3378-01	C0AX2	Water	Naphthalene		0.810	0.011	0.1	ug/L
P3378-01	C0AX2	Water	Phenanthrene		0.490	0.014	0.1	ug/L
P3378-01	C0AX2	Water	Pyrene		4.100	E 0.016	0.1	ug/L
			Total Svoc :			59.45		
			Total Concentration:			59.45		
Client ID :	C0AX7							

Hit Summary Sheet SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-02	C0AX7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3378-02	C0AX7	Water	1-Methylnaphthalene	220.000	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	2-Methylnaphthalene	170.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Acenaphthene	140.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Acenaphthylene	2.200	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Anthracene	30.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Benzo(a)anthracene	13.000	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	Benzo(a)pyrene	7.500	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Benzo(b)fluoranthene	12.000	E	0	0.1	ug/L
P3378-02	C0AX7	Water	Benzo(g,h,i)perylene	2.600	E	0.03	0.1	ug/L
P3378-02	C0AX7	Water	Benzo(k)fluoranthene	3.500	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	Chrysene	9.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Dibenzo(a,h)anthracene	0.740		0.03	0.1	ug/L
P3378-02	C0AX7	Water	Fluoranthene	89.000	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	Fluorene	77.000	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	Indeno(1,2,3-cd)pyrene	2.200	E	0.02	0.1	ug/L
P3378-02	C0AX7	Water	Naphthalene	860.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Pentachlorophenol	53.000	E	0.04	0.2	ug/L
P3378-02	C0AX7	Water	Phenanthrene	220.000	E	0.01	0.1	ug/L
P3378-02	C0AX7	Water	Pyrene	57.000	E	0.02	0.1	ug/L
Total Svoc :				1,968.74				
Total Concentration:				1,968.74				
Client ID :	C0AY3							
P3378-03	C0AY3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3378-03	C0AY3	Water	Acenaphthene	0.060	J	0.01	0.1	ug/L
P3378-03	C0AY3	Water	Anthracene	0.180		0.01	0.1	ug/L
P3378-03	C0AY3	Water	Fluoranthene	0.080	J	0.02	0.1	ug/L
P3378-03	C0AY3	Water	Fluorene	0.040	J	0.02	0.1	ug/L
P3378-03	C0AY3	Water	Naphthalene	0.160		0.01	0.1	ug/L
P3378-03	C0AY3	Water	Phenanthrene	0.030	J	0.01	0.1	ug/L
Total Svoc :				0.55				
Total Concentration:				0.55				
Client ID :	C0AY7							
P3378-04	C0AY7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3378-04	C0AY7	Water	1-Methylnaphthalene	26.000	E	0.024	0.1	ug/L
P3378-04	C0AY7	Water	2-Methylnaphthalene	42.000	E	0.011	0.1	ug/L
P3378-04	C0AY7	Water	Acenaphthene	93.000	E	0.013	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3378-04	C0AY7	Water	Acenaphthylene	3.400	E	0.014	0.1	ug/L
P3378-04	C0AY7	Water	Anthracene	19.000	E	0.011	0.1	ug/L
P3378-04	C0AY7	Water	Benzo(a)anthracene	1.400		0.015	0.1	ug/L
P3378-04	C0AY7	Water	Benzo(a)pyrene	0.730		0.012	0.1	ug/L
P3378-04	C0AY7	Water	Benzo(b)fluoranthene	0.930		0.004	0.1	ug/L
P3378-04	C0AY7	Water	Benzo(g,h,i)perylene	0.320		0.025	0.1	ug/L
P3378-04	C0AY7	Water	Benzo(k)fluoranthene	0.320		0.019	0.1	ug/L
P3378-04	C0AY7	Water	Chrysene	0.920		0.014	0.1	ug/L
P3378-04	C0AY7	Water	Dibenzo(a,h)anthracene	0.100		0.026	0.1	ug/L
P3378-04	C0AY7	Water	Fluoranthene	14.000	E	0.022	0.1	ug/L
P3378-04	C0AY7	Water	Fluorene	59.000	E	0.022	0.1	ug/L
P3378-04	C0AY7	Water	Indeno(1,2,3-cd)pyrene	0.270		0.023	0.1	ug/L
P3378-04	C0AY7	Water	Naphthalene	190.000	E	0.011	0.1	ug/L
P3378-04	C0AY7	Water	Phenanthrene	87.000	E	0.014	0.1	ug/L
P3378-04	C0AY7	Water	Pyrene	7.400	E	0.016	0.1	ug/L
Total Svoc :				545.79				
Total Concentration:				545.79				
Client ID :	E1G79							
P3401-01	E1G79	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E1GG3							
P3401-03	E1GG3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3401-03	E1GG3	Water	Naphthalene		0.020	J 0.011	0.1	ug/L
Total Svoc :				0.02				
Total Concentration:				0.02				
Client ID :	E1G80							
P3401-07	E1G80	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3401-07	E1G80	Water	Benzo(a)anthracene		0.020	J 0.015	0.1	ug/L
P3401-07	E1G80	Water	Benzo(b)fluoranthene		0.050	J 0.004	0.1	ug/L
P3401-07	E1G80	Water	Benzo(g,h,i)perylene		0.030	J 0.025	0.1	ug/L
P3401-07	E1G80	Water	Benzo(k)fluoranthene		0.050	J 0.019	0.1	ug/L
P3401-07	E1G80	Water	Chrysene		0.030	J 0.014	0.1	ug/L
P3401-07	E1G80	Water	Dibenzo(a,h)anthracene		0.030	J 0.026	0.1	ug/L
P3401-07	E1G80	Water	Indeno(1,2,3-cd)pyrene		0.030	J 0.023	0.1	ug/L
Total Svoc :				0.24				
Total Concentration:				0.24				

Hit Summary Sheet SW-846

SDG No.: BN080224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1GA0								
P3401-08	E1GA0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1GF4								
P3401-09	E1GF4	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3401-09	E1GF4	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID : E1GF5								
P3401-10	E1GF5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3401-10	E1GF5	Water	Benzo(a)anthracene		0.030	J 0.015	0.1	ug/L
P3401-10	E1GF5	Water	Benzo(b)fluoranthene		0.070	J 0.004	0.1	ug/L
P3401-10	E1GF5	Water	Benzo(g,h,i)perylene		0.050	J 0.025	0.1	ug/L
P3401-10	E1GF5	Water	Benzo(k)fluoranthene		0.070	J 0.019	0.1	ug/L
P3401-10	E1GF5	Water	Chrysene		0.040	J 0.014	0.1	ug/L
P3401-10	E1GF5	Water	Dibenzo(a,h)anthracene		0.050	J 0.026	0.1	ug/L
P3401-10	E1GF5	Water	Indeno(1,2,3-cd)pyrene		0.050	J 0.023	0.1	ug/L
P3401-10	E1GF5	Water	Naphthalene		0.050	J 0.011	0.1	ug/L
			Total Svoc :			0.41		
			Total Concentration:			0.41		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG No.: BN072524
Instrument ID: _____ Calibration Date(s): 7/25/2024 : _____
Calibration Time(s): 12:09 : _____

LAB FILE ID:		RRFAL1 = BN032967.D			RRFAL2 = BN032968.D		RRFAL3 = BN032969.D	
		RRFAL4 = BN032970.D			RRFAL5 = BN032971.D		RRFAL6 = BN032972.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.557	0.673	0.634	0.522	0.498	0.577	12.9
1,4-Dioxane-d8		0.494	0.565	0.544	0.472	0.454	0.506	9.3
Naphthalene	1.022	1.043	1.030	1.048	0.994		1.027	2.0
1-Methylnaphthalene	0.794	0.728	0.771	0.738	0.732		0.753	3.8
2-Methylnaphthalene	0.723	0.684	0.679	0.694	0.699		0.696	2.5
Acenaphthylene	1.647	1.597	1.599	1.688	1.654		1.637	2.4
Acenaphthene	1.270	1.207	1.211	1.260	1.209		1.231	2.5
Fluorene	1.477	1.391	1.396	1.501	1.410		1.435	3.5
Pentachlorophenol		0.086	0.078	0.080	0.078	0.086	0.081	4.9
Phenanthrene	1.227	1.036	1.024	1.054	1.024		1.073	8.1
Anthracene	0.993	0.937	0.935	0.992	0.966		0.965	3.0
Fluoranthene	1.405	1.269	1.283	1.346	1.283		1.317	4.3
Pyrene	1.502	1.369	1.373	1.444	1.374		1.412	4.2
Benzo(a)anthracene	1.476	1.366	1.289	1.369	1.321		1.364	5.2
Chrysene	1.745	1.622	1.554	1.575	1.466		1.592	6.4
Benzo(b)fluoranthene	1.248	1.146	1.110	1.196	1.142		1.168	4.6
Benzo(k)fluoranthene	1.506	1.447	1.366	1.371	1.312		1.400	5.4
Benzo(a)pyrene	1.163	1.096	1.077	1.115	1.047		1.100	4.0
Indeno(1,2,3-cd)pyrene	1.830	1.658	1.624	1.670	1.579		1.672	5.7
Dibenzo(a,h)anthracene	1.448	1.310	1.291	1.321	1.257		1.325	5.5
Benzo(g,h,i)perylene	1.460	1.327	1.288	1.325	1.245		1.329	6.1
Fluoranthene-d10	1.187	1.110	1.095	1.155	1.116		1.133	3.3
2-Methylnaphthalene-d10	0.673	0.640	0.653	0.650	0.646		0.653	1.9

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.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4246 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 17:04

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1674	7.528	6098	10.30	4702	14.17
	UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
	LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
	EPA SAMPLE NO.						
01	SBLK413	2559	7.48	8415	10.23	4785	14.12
02	SBLK411	3211	7.48	9956	10.23	5798	14.13
03	E1G79	2867	7.49	8614	10.23	4834	14.13
04	E1G80	4619 *	7.48	14670 *	10.24	8233	14.13
05	E1GA0	3833 *	7.48	12779 *	10.24	7605	14.13
06	E1GF4	2748	7.49	8874	10.23	5545	14.12
07	E1GF5	3052	7.49	8940	10.23	5495	14.12
08	E1GG3	3016	7.49	10523	10.23	5717	14.13
09	E1GG3MS	2544	7.52	9106	10.27	5032	14.14
10	E1GG3MSD	2733	7.51	9683	10.27	5807	14.13
11	SLCS411	2246	7.57	6600	10.32	4289	14.16
12	E1GF1	2942	7.49	9235	10.23	5647	14.12
13	E1G78	2946	7.49	8975	10.24	5239	14.13
14	E1GF3	3176	7.48	10143	10.24	6106	14.13
15	SLCS413	2455	7.56	8176	10.32	5137	14.16
16	SBLK329	3126	7.48	10304	10.24	5887	14.13
17	SBLK327	3356 *	7.49	11382	10.23	6687	14.12
18	A4D22	3154	7.48	10172	10.24	6326	14.12
19	A4D39	4301 *	7.47	13064 *	10.23	6861	14.12
20	A4D40	4212 *	7.47	12930 *	10.23	7453	14.12
21	C0AX7	4046 *	7.46	16238 *	10.18	18481 *	14.11
22	C0AY7	4004 *	7.46	150770 *	10.18	14257 *	14.10
23	C0AX2	4111 *	7.47	13534 *	10.22	8246	14.11

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4246 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 08:10

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1674	7.528	6098	10.30	4702	14.17
UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
EPA SAMPLE NO.						
24 C0AY3	3905 *	7.47	13504 *	10.22	7661	14.12
25 E1GF6	4321 *	7.47	13426 *	10.22	7058	14.12

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4294 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033169.D Time Analyzed: 17:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1867	7.524	5636	10.30	3697	14.15
UPPER LIMIT	3734	8.024	11272	10.8	7394	14.648
LOWER LIMIT	933.5	7.024	2818	9.8	1848.5	13.648
EPA SAMPLE NO.						
01 SBLK413	2559	7.48	8415	10.23	4785	14.12
02 SBLK411	3211	7.48	9956	10.23	5798	14.13
03 E1G79	2867	7.49	8614	10.23	4834	14.13
04 E1G80	4619 *	7.48	14670 *	10.24	8233 *	14.13
05 E1GA0	3833 *	7.48	12779 *	10.24	7605 *	14.13
06 E1GF4	2748	7.49	8874	10.23	5545	14.12
07 E1GF5	3052	7.49	8940	10.23	5495	14.12
08 E1GG3	3016	7.49	10523	10.23	5717	14.13
09 E1GG3MS	2544	7.52	9106	10.27	5032	14.14
10 E1GG3MSD	2733	7.51	9683	10.27	5807	14.13
11 SLCS411	2246	7.57	6600	10.32	4289	14.16
12 E1GF1	2942	7.49	9235	10.23	5647	14.12
13 E1G78	2946	7.49	8975	10.24	5239	14.13
14 E1GF3	3176	7.48	10143	10.24	6106	14.13
15 SLCS413	2455	7.56	8176	10.32	5137	14.16

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4295 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN033185.D Time Analyzed: 03:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2163	7.575	6361	10.32	4156	14.16
UPPER LIMIT	4326	8.075	12722	10.822	8312	14.657
LOWER LIMIT	1081.5	7.075	3180.5	9.822	2078	13.657
EPA SAMPLE NO.						
01 SBLK329	3126	7.48	10304	10.24	5887	14.13
02 SBLK327	3356	7.49	11382	10.23	6687	14.12
03 A4D22	3154	7.48	10172	10.24	6326	14.12
04 A4D39	4301	7.47	13064 *	10.23	6861	14.12
05 A4D40	4212	7.47	12930 *	10.23	7453	14.12
06 C0AX7	4046	7.46	16238 *	10.18	18481 *	14.11
07 C0AY7	4004	7.46	150770 *	10.18	14257 *	14.10
08 C0AX2	4111	7.47	13534 *	10.22	8246	14.11
09 C0AY3	3905	7.47	13504 *	10.22	7661	14.12
10 E1GF6	4321	7.47	13426 *	10.22	7058	14.12

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.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4246 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 17:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	10164	16.945	10640	21.16	13994	23.349
	UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
	LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
	EPA SAMPLE NO.						
01	SBLK413	11479	16.89	7294	21.16	3790 *	23.33
02	SBLK411	12611	16.90	8273	21.16	5108 *	23.32
03	E1G79	10494	16.90	7907	21.15	5048 *	23.32
04	E1G80	17721	16.90	13868	21.15	10013	23.32
05	E1GA0	16898	16.90	14085	21.14	9808	23.31
06	E1GF4	12239	16.90	10373	21.15	5842 *	23.32
07	E1GF5	11143	16.89	8904	21.15	5338 *	23.31
08	E1GG3	12103	16.90	9005	21.14	6326 *	23.31
09	E1GG3MS	11255	16.92	8902	21.13	8788	23.32
10	E1GG3MSD	12969	16.91	10269	21.13	9992	23.32
11	SLCS411	9090	16.94	7381	21.15	7406	23.34
12	E1GF1	11856	16.89	8490	21.15	4884 *	23.32
13	E1G78	11434	16.90	10570	21.14	6158 *	23.32
14	E1GF3	12700	16.90	9867	21.15	5294 *	23.31
15	SLCS413	10332	16.95	8566	21.15	8514	23.34
16	SBLK329	13305	16.90	10129	21.16	4477 *	23.31
17	SBLK327	13068	16.89	9165	21.16	4599 *	23.31
18	A4D22	14006	16.89	8792	21.11	10638	23.29
19	A4D39	13845	16.88	10701	21.11	14271	23.29
20	A4D40	16789	16.88	10714	21.11	11820	23.28
21	C0AX7	14902	16.89	12342	21.11	11834	23.28

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4246 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 06:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	10164	16.945	10640	21.16	13994	23.349
UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
EPA SAMPLE NO.						
22 C0AY7	17973	16.89	12616	21.11	14175	23.29
23 C0AX2	15883	16.88	10775	21.12	11705	23.29
24 C0AY3	15927	16.89	10241	21.13	9739	23.29
25 E1GF6	13390	16.89	10580	21.13	11466	23.30

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.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4294 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033169.D Time Analyzed: 17:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8123	16.928	6582	21.151	6636	23.34
	UPPER LIMIT	16246	17.428	13164	21.651	13272	23.84
	LOWER LIMIT	4061.5	16.428	3291	20.651	3318	22.84
	EPA SAMPLE NO.						
01	SBLK413	11479	16.89	7294	21.16	3790	23.33
02	SBLK411	12611	16.90	8273	21.16	5108	23.32
03	E1G79	10494	16.90	7907	21.15	5048	23.32
04	E1G80	17721 *	16.90	13868 *	21.15	10013	23.32
05	E1GA0	16898 *	16.90	14085 *	21.14	9808	23.31
06	E1GF4	12239	16.90	10373	21.15	5842	23.32
07	E1GF5	11143	16.89	8904	21.15	5338	23.31
08	E1GG3	12103	16.90	9005	21.14	6326	23.31
09	E1GG3MS	11255	16.92	8902	21.13	8788	23.32
10	E1GG3MSD	12969	16.91	10269	21.13	9992	23.32
11	SLCS411	9090	16.94	7381	21.15	7406	23.34
12	E1GF1	11856	16.89	8490	21.15	4884	23.32
13	E1G78	11434	16.90	10570	21.14	6158	23.32
14	E1GF3	12700	16.90	9867	21.15	5294	23.31
15	SLCS413	10332	16.95	8566	21.15	8514	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4294 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN033169.D Time Analyzed: 01:31

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8123	16.928	6582	21.151	6636	23.34
UPPER LIMIT	16246	17.428	13164	21.651	13272	23.84
LOWER LIMIT	4061.5	16.428	3291	20.651	3318	22.84
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.: BN080224 SAS No.: BN080224 SDG NO.: BN080224

EPA Sample No.: SSTD0.4295 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN033185.D Time Analyzed: 03:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8377	16.945	7147	21.151	7177	23.337
UPPER LIMIT	16754	17.445	14294	21.651	14354	23.837
LOWER LIMIT	4188.5	16.445	3573.5	20.651	3588.5	22.837
EPA SAMPLE NO.						
01 SBLK329	13305	16.90	10129	21.16	4477	23.31
02 SBLK327	13068	16.89	9165	21.16	4599	23.31
03 A4D22	14006	16.89	8792	21.11	10638	23.29
04 A4D39	13845	16.88	10701	21.11	14271	23.29
05 A4D40	16789 *	16.88	10714	21.11	11820	23.28
06 C0AX7	14902	16.89	12342	21.11	11834	23.28
07 C0AY7	17973 *	16.89	12616	21.11	14175	23.29
08 C0AX2	15883	16.88	10775	21.12	11705	23.29
09 C0AY3	15927	16.89	10241	21.13	9739	23.29
10 E1GF6	13390	16.89	10580	21.13	11466	23.30

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.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162411BS	1,4-Dioxane	2	1.8	ug/L	90				0	0	
	Naphthalene	0.4	0.35	ug/L	88				0	0	
	1-Methylnaphthalene	0.4	0.3	ug/L	75				0	0	
	2-Methylnaphthalene	0.4	0.3	ug/L	75				0	0	
	Acenaphthylene	0.4	0.32	ug/L	80				0	0	
	Acenaphthene	0.4	0.38	ug/L	95				0	0	
	Fluorene	0.4	0.34	ug/L	85				0	0	
	Pentachlorophenol	0.8	0.41	ug/L	51				0	0	
	Phenanthrene	0.4	0.33	ug/L	83				0	0	
	Anthracene	0.4	0.29	ug/L	73				0	0	
	Fluoranthene	0.4	0.42	ug/L	105				0	0	
	Pyrene	0.4	0.42	ug/L	105				0	0	
	Benzo(a)anthracene	0.4	0.28	ug/L	70				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	0.4	0.31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162413BS	1,4-Dioxane	2	1.6	ug/L	80				0	0	
	Naphthalene	0.4	0.3	ug/L	75				0	0	
	1-Methylnaphthalene	0.4	0.24	ug/L	60				0	0	
	2-Methylnaphthalene	0.4	0.25	ug/L	63				0	0	
	Acenaphthylene	0.4	0.27	ug/L	68				0	0	
	Acenaphthene	0.4	0.31	ug/L	78				0	0	
	Fluorene	0.4	0.27	ug/L	68				0	0	
	Pentachlorophenol	0.8	0.33	ug/L	41				0	0	
	Phenanthrene	0.4	0.28	ug/L	70				0	0	
	Anthracene	0.4	0.24	ug/L	60				0	0	
	Fluoranthene	0.4	0.35	ug/L	88				0	0	
	Pyrene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)anthracene	0.4	0.24	ug/L	60				0	0	
	Chrysene	0.4	0.33	ug/L	83				0	0	
	Benzo(b)fluoranthene	0.4	0.29	ug/L	73				0	0	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)pyrene	0.4	0.32	ug/L	80				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	0.4	0.26	ug/L	65				0	0	
	Benzo(g,h,i)perylene	0.4	0.3	ug/L	75				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4D22

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080224

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033188.D

Lab Sample ID: P3265-05

Instrument ID: BNA_N

Date Extracted: 07/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 04:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D22	P3265-05	BN033188.D	08/02/2024
A4D39	P3265-06	BN033189.D	08/02/2024
A4D40	P3265-07	BN033190.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK327

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080224

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033187.D

Lab Sample ID: PB162327BL

Instrument ID: BNA_N

Date Extracted: 07/29/2024

Matrix: (soil/water) Water

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 03:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GF1	P3359-13	BN033181.D	08/01/2024
E1G78	P3359-14	BN033182.D	08/02/2024
E1GF3	P3359-16	BN033183.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK329

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080224

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033186.D

Lab Sample ID: PB162329BL

Instrument ID: BNA_N

Date Extracted: 07/29/2024

Matrix: (soil/water) Water

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 03:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AX7	P3378-02	BN033191.D	08/02/2024
C0AY7	P3378-04	BN033192.D	08/02/2024
C0AX2	P3378-01	BN033193.D	08/02/2024
C0AY3	P3378-03	BN033194.D	08/02/2024
E1GF6	P3359-17	BN033195.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK411

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080224

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033171.D

Lab Sample ID: PB162411BL

Instrument ID: BNA_N

Date Extracted: 07/30/2024

Matrix: (soil/water) Water

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 17:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GG3	P3401-03	BN033177.D	08/01/2024
E1GG3MS	P3401-04MS	BN033178.D	08/01/2024
E1GG3MSD	P3401-05MSD	BN033179.D	08/01/2024
PB162411BS	PB162411BS	BN033180.D	08/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK413

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080224

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033170.D

Lab Sample ID: PB162413BL

Instrument ID: BNA_N

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 17:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162413BS	PB162413BS	BN033184.D	08/02/2024
E1G79	P3401-01	BN033172.D	08/01/2024
E1G80	P3401-07	BN033173.D	08/01/2024
E1GA0	P3401-08	BN033174.D	08/01/2024
E1GF4	P3401-09	BN033175.D	08/01/2024
E1GF5	P3401-10	BN033176.D	08/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3401-04MS	Client Sample ID:	E1GG3MS					DataFile:	BN033178.D		
1,4-Dioxane	2		0.87	ug/L	44				15	120	
Naphthalene	0.4	0.02	0.41	ug/L	98				0	0	
1-Methylnaphthalene	0.4		0.34	ug/L	85				0	0	
2-Methylnaphthalene	0.4		0.38	ug/L	95				0	0	
Acenaphthylene	0.4		0.38	ug/L	95				0	0	
Acenaphthene	0.4		0.44	ug/L	110				46	118	
Fluorene	0.4		0.43	ug/L	108				0	0	
Pentachlorophenol	0.8		0.8	ug/L	100				9	103	
Phenanthrene	0.4		0.43	ug/L	108				0	0	
Anthracene	0.4		0.41	ug/L	103				0	0	
Fluoranthene	0.4		0.53	ug/L	133				0	0	
Pyrene	0.4		0.52	ug/L	130	*			26	127	
Benzo(a)anthracene	0.4		0.39	ug/L	98				0	0	
Chrysene	0.4		0.42	ug/L	105				0	0	
Benzo(b)fluoranthene	0.4		0.42	ug/L	105				0	0	
Benzo(k)fluoranthene	0.4		0.45	ug/L	113				0	0	
Benzo(a)pyrene	0.4		0.38	ug/L	95				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.35	ug/L	88				0	0	
Dibenzo(a,h)anthracene	0.4		0.36	ug/L	90				0	0	
Benzo(g,h,i)perylene	0.4		0.33	ug/L	83				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3401-05MSD	Client Sample ID:	E1GG3MSD					DataFile:	BN033179.D		
1,4-Dioxane	2		0.82	ug/L	41		7		15	120	50
Naphthalene	0.4	0.02	0.4	ug/L	95		3	*	0	0	0
1-Methylnaphthalene	0.4		0.3	ug/L	75		13	*	0	0	0
2-Methylnaphthalene	0.4		0.38	ug/L	95		0		0	0	0
Acenaphthylene	0.4		0.38	ug/L	95		0		0	0	0
Acenaphthene	0.4		0.44	ug/L	110		0		46	118	31
Fluorene	0.4		0.43	ug/L	108		0		0	0	0
Pentachlorophenol	0.8		0.79	ug/L	99		1		9	103	50
Phenanthrene	0.4		0.42	ug/L	105		3	*	0	0	0
Anthracene	0.4		0.4	ug/L	100		3	*	0	0	0
Fluoranthene	0.4		0.54	ug/L	135		1	*	0	0	0
Pyrene	0.4		0.53	ug/L	133	*	2		26	127	31
Benzo(a)anthracene	0.4		0.4	ug/L	100		2	*	0	0	0
Chrysene	0.4		0.42	ug/L	105		0		0	0	0
Benzo(b)fluoranthene	0.4		0.43	ug/L	108		3	*	0	0	0
Benzo(k)fluoranthene	0.4		0.46	ug/L	115		2	*	0	0	0
Benzo(a)pyrene	0.4		0.39	ug/L	98		3	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.35	ug/L	88		0		0	0	0
Dibenzo(a,h)anthracene	0.4		0.35	ug/L	88		2	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.32	ug/L	80		4	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3265-05	A4D22	BN033188.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P3265-06	A4D39	BN033189.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Fluoranthene-d10	0.4	0.16	41		30	130
			2-Methylnaphthalene-d10	0.4	0.12	30		20	140
P3265-07	A4D40	BN033190.D	1,4-Dioxane-d8	8	1.74	22		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		20	140

Surrogate Summary

SW-846

SDG No.: **BN080224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3359-13	E1GF1	BN033181.D	1,4-Dioxane-d8	8	4.55	57		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
P3359-14	E1G78	BN033182.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		30	130
P3359-16	E1GF3	BN033183.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
PB162327BL	PB162327BL	BN033187.D	1,4-Dioxane-d8	8	5.32	66		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130

Surrogate Summary

SW-846

SDG No.: **BN080224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-17	E1GF6	BN033195.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
P3378-01	C0AX2	BN033193.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		30	130
P3378-02	C0AX7	BN033191.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Fluoranthene-d10	0.4	0.64	160	*	30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		30	130
P3378-03	C0AY3	BN033194.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
P3378-04	C0AY7	BN033192.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Fluoranthene-d10	0.4	0.37	94		30	130
			2-Methylnaphthalene-d10	0.4	0.03	6	*	30	130
PB162329BL	PB162329BL	BN033186.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		30	130

Surrogate Summary

SW-846

SDG No.: BN080224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3401-03	E1GG3	BN033177.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
P3401-04MS	E1GG3MS	BN033178.D	1,4-Dioxane-d8	0.8	0.28	34		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
P3401-05MSD	E1GG3MSD	BN033179.D	1,4-Dioxane-d8	0.8	0.27	33		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
PB162411BL	PB162411BL	BN033171.D	1,4-Dioxane-d8	8	5.05	63		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130
PB162411BS	PB162411BS	BN033180.D	1,4-Dioxane-d8	0.8	0.73	91		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130

Surrogate Summary

SW-846

SDG No.: **BN080224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3401-01	E1G79	BN033172.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P3401-07	E1G80	BN033173.D	1,4-Dioxane-d8	8	1.31	16		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.12	31		30	130
P3401-08	E1GA0	BN033174.D	1,4-Dioxane-d8	8	1.47	18		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		30	130
P3401-09	E1GF4	BN033175.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P3401-10	E1GF5	BN033176.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB162413BL	PB162413BL	BN033170.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		30	130
PB162413BS	PB162413BS	BN033184.D	1,4-Dioxane-d8	0.8	0.65	81		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN080224

Lab Code: CHEM

SAS No.: BN080224

SDG NO.: BN080224

Lab File ID: BN033168.D

DFTPP Injection Date: 08/01/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	44.5
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	53.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	55.7
443	15.0 - 24.0% of mass 442	10.5 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4294	SSTDCCC0.4	BN033169.D	08/01/2024	16:27
SBLK413	PB162413BL	BN033170.D	08/01/2024	17:04
SBLK411	PB162411BL	BN033171.D	08/01/2024	17:40
E1G79	P3401-01	BN033172.D	08/01/2024	18:16
E1G80	P3401-07	BN033173.D	08/01/2024	18:53
E1GA0	P3401-08	BN033174.D	08/01/2024	19:29
E1GF4	P3401-09	BN033175.D	08/01/2024	20:05
E1GF5	P3401-10	BN033176.D	08/01/2024	20:41
E1GG3	P3401-03	BN033177.D	08/01/2024	21:18
E1GG3MS	P3401-04MS	BN033178.D	08/01/2024	21:54
E1GG3MSD	P3401-05MSD	BN033179.D	08/01/2024	22:30
SLCS411	PB162411BS	BN033180.D	08/01/2024	23:06
E1GF1	P3359-13	BN033181.D	08/01/2024	23:42
E1G78	P3359-14	BN033182.D	08/02/2024	00:18
E1GF3	P3359-16	BN033183.D	08/02/2024	00:54
SLCS413	PB162413BS	BN033184.D	08/02/2024	01:31
SSTD0.4295	SSTDCCC0.4	BN033185.D	08/02/2024	02:43
SBLK329	PB162329BL	BN033186.D	08/02/2024	03:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN080224

Lab Code: CHEM

SAS No.: BN080224 SDG NO.: BN080224

Lab File ID: BN033168.D

DFTPP Injection Date: 08/01/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	44.5
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	53.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	55.7
443	15.0 - 24.0% of mass 442	10.5 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK327	PB162327BL	BN033187.D	08/02/2024	03:56
A4D22	P3265-05	BN033188.D	08/02/2024	04:32
A4D39	P3265-06	BN033189.D	08/02/2024	05:08
A4D40	P3265-07	BN033190.D	08/02/2024	05:45
C0AX7	P3378-02	BN033191.D	08/02/2024	06:21
C0AY7	P3378-04	BN033192.D	08/02/2024	06:57
C0AX2	P3378-01	BN033193.D	08/02/2024	07:33
C0AY3	P3378-03	BN033194.D	08/02/2024	08:10
E1GF6	P3359-17	BN033195.D	08/02/2024	08:46