

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN082824 SAS No.: BN082824 SDG No.: BN082824

Instrument ID: BNA_N Calibration Date/Time: 8/28/2024 1:10:29

Lab File ID: BN033638.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4298 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.443	0.010	-2.868	40.0
1,4-Dioxane-d8	0.411	0.427	0.010	3.8863	40.0
Naphthalene	1.070	1.058	0.600	-1.0699	30.0
1-Methylnaphthalene	0.697	0.681	0.300	-2.2927	30.0
2-Methylnaphthalene	0.678	0.663	0.300	-2.1937	30.0
Acenaphthylene	1.817	1.803	0.900	-0.7715	30.0
Acenaphthene	1.311	1.333	0.500	1.6766	30.0
Fluorene	1.465	1.494	0.700	1.9623	30.0
Pentachlorophenol	0.126	0.106	0.010	-15.9466	50.0
Phenanthrene	1.180	1.114	0.300	-5.6223	30.0
Anthracene	1.061	0.999	0.400	-5.8161	30.0
Fluoranthene	1.578	1.481	0.400	-6.139	30.0
Pyrene	1.675	1.548	0.500	-7.6077	30.0
Benzo (a) anthracene	1.575	1.487	0.400	-5.5515	30.0
Chrysene	1.591	1.480	0.400	-6.9583	30.0
Benzo (b) fluoranthene	1.553	1.440	0.200	-7.2402	30.0
Benzo (k) fluoranthene	1.553	1.460	0.200	-6.0218	30.0
Benzo (a) pyrene	1.247	1.177	0.200	-5.5614	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.737	0.200	-7.2757	30.0
Dibenzo (a,h) anthracene	1.454	1.361	0.200	-6.4164	30.0
Benzo (g,h,i) perylene	1.463	1.371	0.200	-6.3219	30.0
Fluoranthene-d10	1.192	1.157	0.400	-2.9853	30.0
2-Methylnaphthalene-d10	0.574	0.561	0.300	-2.2748	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.: BN082824 SAS No.: BN082824 SDG No.: BN082824

Instrument ID: BNA_N Calibration Date/Time: 8/28/2024 1: 20:11

Lab File ID: BN033653.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4299 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.467	0.010	2.3867	40.0
1,4-Dioxane-d8	0.411	0.435	0.010	5.9014	40.0
Naphthalene	1.070	1.053	0.600	-1.5818	30.0
1-Methylnaphthalene	0.697	0.679	0.300	-2.5924	30.0
2-Methylnaphthalene	0.678	0.661	0.300	-2.4657	30.0
Acenaphthylene	1.817	1.773	0.900	-2.3772	30.0
Acenaphthene	1.311	1.330	0.500	1.4452	30.0
Fluorene	1.465	1.485	0.700	1.3591	30.0
Pentachlorophenol	0.126	0.099	0.010	-21.5213	50.0
Phenanthrene	1.180	1.121	0.300	-4.9523	30.0
Anthracene	1.061	0.995	0.400	-6.2042	30.0
Fluoranthene	1.578	1.535	0.400	-2.7286	30.0
Pyrene	1.675	1.600	0.500	-4.5285	30.0
Benzo (a) anthracene	1.575	1.475	0.400	-6.3219	30.0
Chrysene	1.591	1.539	0.400	-3.2266	30.0
Benzo (b) fluoranthene	1.553	1.419	0.200	-8.5878	30.0
Benzo (k) fluoranthene	1.553	1.488	0.200	-4.1843	30.0
Benzo (a) pyrene	1.247	1.172	0.200	-5.9595	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.763	0.200	-5.8501	30.0
Dibenzo (a,h) anthracene	1.454	1.375	0.200	-5.478	30.0
Benzo (g,h,i) perylene	1.463	1.378	0.200	-5.8466	30.0
Fluoranthene-d10	1.192	1.182	0.400	-0.8653	30.0
2-Methylnaphthalene-d10	0.574	0.556	0.300	-3.2041	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.: BN082824 SAS No.: BN082824 SDG No.: BN082824

Instrument ID: BNA_N Calibration Date/Time: 8/29/2024 1:04:01

Lab File ID: BN033665.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4300 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.482	0.010	5.5289	40.0
1,4-Dioxane-d8	0.411	0.424	0.010	3.1264	40.0
Naphthalene	1.070	1.050	0.600	-1.8802	30.0
1-Methylnaphthalene	0.697	0.684	0.300	-1.9142	30.0
2-Methylnaphthalene	0.678	0.667	0.300	-1.5658	30.0
Acenaphthylene	1.817	1.761	0.900	-3.0809	30.0
Acenaphthene	1.311	1.339	0.500	2.0926	30.0
Fluorene	1.465	1.518	0.700	3.5961	30.0
Pentachlorophenol	0.126	0.097	0.010	-23.2487	50.0
Phenanthrene	1.180	1.127	0.300	-4.4895	30.0
Anthracene	1.061	0.992	0.400	-6.4678	30.0
Fluoranthene	1.578	1.519	0.400	-3.7291	30.0
Pyrene	1.675	1.586	0.500	-5.362	30.0
Benzo (a) anthracene	1.575	1.468	0.400	-6.796	30.0
Chrysene	1.591	1.550	0.400	-2.5423	30.0
Benzo (b) fluoranthene	1.553	1.426	0.200	-8.1618	30.0
Benzo (k) fluoranthene	1.553	1.527	0.200	-1.6971	30.0
Benzo (a) pyrene	1.247	1.185	0.200	-4.951	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.775	0.200	-5.2468	30.0
Dibenzo (a,h) anthracene	1.454	1.385	0.200	-4.7678	30.0
Benzo (g,h,i) perylene	1.463	1.383	0.200	-5.4672	30.0
Fluoranthene-d10	1.192	1.175	0.400	-1.4262	30.0
2-Methylnaphthalene-d10	0.574	0.563	0.300	-1.9859	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.: BN082824 SAS No.: BN082824 SDG No.: BN082824

Instrument ID: BNA_N Calibration Date/Time: 8/29/2024 1:10:06

Lab File ID: BN033668.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4301 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.467	0.010	2.3562	50.0
1,4-Dioxane-d8	0.411	0.413	0.010	0.3587	50.0
Naphthalene	1.070	1.047	0.600	-2.1086	50.0
1-Methylnaphthalene	0.697	0.685	0.300	-1.7162	50.0
2-Methylnaphthalene	0.678	0.666	0.300	-1.6936	50.0
Acenaphthylene	1.817	1.744	0.900	-4.0002	50.0
Acenaphthene	1.311	1.332	0.500	1.6124	50.0
Fluorene	1.465	1.526	0.700	4.1463	50.0
Pentachlorophenol	0.126	0.099	0.010	-21.5605	50.0
Phenanthrene	1.180	1.117	0.300	-5.3389	50.0
Anthracene	1.061	0.983	0.400	-7.2877	50.0
Fluoranthene	1.578	1.518	0.400	-3.811	50.0
Pyrene	1.675	1.573	0.500	-6.1385	50.0
Benzo (a) anthracene	1.575	1.463	0.400	-7.122	50.0
Chrysene	1.591	1.525	0.400	-4.1484	50.0
Benzo (b) fluoranthene	1.553	1.431	0.200	-7.8357	50.0
Benzo (k) fluoranthene	1.553	1.500	0.200	-3.4667	50.0
Benzo (a) pyrene	1.247	1.164	0.200	-6.6089	50.0
Indeno (1,2,3-cd) pyrene	1.873	1.747	0.200	-6.7372	50.0
Dibenzo (a,h) anthracene	1.454	1.355	0.200	-6.8071	50.0
Benzo (g,h,i) perylene	1.463	1.356	0.200	-7.3535	50.0
Fluoranthene-d10	1.192	1.175	0.400	-1.4408	50.0
2-Methylnaphthalene-d10	0.574	0.567	0.300	-1.2369	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK963	SDG No.:	BN082824
Lab Sample ID:	PB162963BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033639.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

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	6.56		15-120		82	SPK: -8
93951-69-0	Fluoranthene-d10	0.353		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7157		7.536			
1146-65-2	Naphthalene-d8	20132		10.299			
15067-26-2	Acenaphthene-d10	10589		14.174			

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK963	SDG No.:	BN082824
Lab Sample ID:	PB162963BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033639.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21728	16.927				
1719-03-5	Chrysene-d12	16983	21.138				
1520-96-3	Perylene-d12	18002	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK967	SDG No.:	BN082824
Lab Sample ID:	PB162967BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033640.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

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	7.199		15-120		90	SPK: -8
93951-69-0	Fluoranthene-d10	0.384		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5127	7.54				
1146-65-2	Naphthalene-d8	14294	10.298				
15067-26-2	Acenaphthene-d10	7557	14.178				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK967	SDG No.:	BN082824
Lab Sample ID:	PB162967BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033640.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15848	16.926				
1719-03-5	Chrysene-d12	12199	21.137				
1520-96-3	Perylene-d12	12457	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0	SDG No.:	BN082824
Lab Sample ID:	P3711-08	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
BN033641.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

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	0.89		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	5.726		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.493		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4711		7.54			
1146-65-2	Naphthalene-d8	13140		10.299			
15067-26-2	Acenaphthene-d10	7063		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0	SDG No.:	BN082824
Lab Sample ID:	P3711-08	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
BN033641.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14996	16.927				
1719-03-5	Chrysene-d12	11606	21.136				
1520-96-3	Perylene-d12	12105	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0MS	SDG No.:	BN082824
Lab Sample ID:	P3711-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033642.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.86		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		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	0.35		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.86		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		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	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.314		15-120		39	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.455		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5118	7.536				
1146-65-2	Naphthalene-d8	14095	10.299				
15067-26-2	Acenaphthene-d10	7099	14.175				

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0MS	SDG No.:	BN082824
Lab Sample ID:	P3711-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033642.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15108	16.927				
1719-03-5	Chrysene-d12	12489	21.139				
1520-96-3	Perylene-d12	13673	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0MSD	SDG No.:	BN082824
Lab Sample ID:	P3711-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033643.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

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	0.3		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	0.3		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		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	0.86		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.306		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.452		30-130		113	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	5594	7.536				
1146-65-2	Naphthalene-d8	15220	10.299				
15067-26-2	Acenaphthene-d10	7554	14.174				

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A0MSD	SDG No.:	BN082824
Lab Sample ID:	P3711-10MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033643.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15718	16.927				
1719-03-5	Chrysene-d12	12644	21.138				
1520-96-3	Perylene-d12	13871	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2497	SDG No.:	BN082824
Lab Sample ID:	P3711-05	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
BN033644.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

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	0.11	J	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	5.276		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.489		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5162		7.536			
1146-65-2	Naphthalene-d8	14279		10.299			
15067-26-2	Acenaphthene-d10	7608		14.174			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2497	SDG No.:	BN082824
Lab Sample ID:	P3711-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033644.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15998	16.927				
1719-03-5	Chrysene-d12	12557	21.135				
1520-96-3	Perylene-d12	13045	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2498	SDG No.:	BN082824
Lab Sample ID:	P3711-06	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
BN033645.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

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	5.156		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5071		7.54			
1146-65-2	Naphthalene-d8	14309		10.298			
15067-26-2	Acenaphthene-d10	7644		14.178			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2498	SDG No.:	BN082824
Lab Sample ID:	P3711-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033645.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16213	16.926				
1719-03-5	Chrysene-d12	12429	21.14				
1520-96-3	Perylene-d12	12929	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2499	SDG No.:	BN082824
Lab Sample ID:	P3711-07	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
BN033646.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

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	0.18	J	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	4.605		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.492		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4999		7.536			
1146-65-2	Naphthalene-d8	14176		10.299			
15067-26-2	Acenaphthene-d10	7952		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2499	SDG No.:	BN082824
Lab Sample ID:	P3711-07	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
BN033646.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16685	16.927				
1719-03-5	Chrysene-d12	12713	21.138				
1520-96-3	Perylene-d12	13468	23.304				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24A1	SDG No.:	BN082824
Lab Sample ID:	P3711-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033647.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

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	0.02	J	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	0.03	J	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	0.02	J	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	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	0.023	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	0.03	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.686		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	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	5405		7.536			
1146-65-2	Naphthalene-d8	14924		10.299			
15067-26-2	Acenaphthene-d10	7906		14.179			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24A1	SDG No.:	BN082824
Lab Sample ID:	P3711-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033647.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16669	16.927				
1719-03-5	Chrysene-d12	12920	21.141				
1520-96-3	Perylene-d12	13450	23.307				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A2	SDG No.:	BN082824
Lab Sample ID:	P3711-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033648.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.25		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	5.168		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5311		7.536			
1146-65-2	Naphthalene-d8	15040		10.299			
15067-26-2	Acenaphthene-d10	8109		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A2	SDG No.:	BN082824
Lab Sample ID:	P3711-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033648.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17213	16.927				
1719-03-5	Chrysene-d12	13347	21.141				
1520-96-3	Perylene-d12	13788	23.307				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2494	SDG No.:	BN082824
Lab Sample ID:	P3711-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033649.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

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	0.43		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	5.579		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.5		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5137		7.536			
1146-65-2	Naphthalene-d8	14159		10.299			
15067-26-2	Acenaphthene-d10	7466		14.174			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2494	SDG No.:	BN082824
Lab Sample ID:	P3711-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033649.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15650	16.927				
1719-03-5	Chrysene-d12	11811	21.138				
1520-96-3	Perylene-d12	12380	23.304				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2495	SDG No.:	BN082824
Lab Sample ID:	P3711-03	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
BN033650.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

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	0.49		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	5.166		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.514		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.363		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4810		7.536			
1146-65-2	Naphthalene-d8	13348		10.299			
15067-26-2	Acenaphthene-d10	7225		14.174			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2495	SDG No.:	BN082824
Lab Sample ID:	P3711-03	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
BN033650.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15460	16.927				
1719-03-5	Chrysene-d12	11949	21.138				
1520-96-3	Perylene-d12	12097	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SLCS967	SDG No.:	BN082824
Lab Sample ID:	PB162967BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033651.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.45		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		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	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.41		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		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	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		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	0.44		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.854		15-120		107	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.465		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.425		30-130		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5134	7.536				
1146-65-2	Naphthalene-d8	13793	10.299				
15067-26-2	Acenaphthene-d10	6779	14.174				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SLCS967	SDG No.:	BN082824
Lab Sample ID:	PB162967BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033651.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162967

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13914	16.927				
1719-03-5	Chrysene-d12	11161	21.135				
1520-96-3	Perylene-d12	11953	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SLCS963	SDG No.:	BN082824
Lab Sample ID:	PB162963BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033652.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		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	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.67		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		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	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.787		15-120		98	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.401		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5127	7.536				
1146-65-2	Naphthalene-d8	13766	10.294				
15067-26-2	Acenaphthene-d10	6841	14.174				

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SLCS963	SDG No.:	BN082824
Lab Sample ID:	PB162963BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033652.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162963

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14285	16.927				
1719-03-5	Chrysene-d12	11403	21.138				
1520-96-3	Perylene-d12	12379	23.301				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK960	SDG No.:	BN082824
Lab Sample ID:	PB162960BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033654.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

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	7.177		15-120		90	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5080	7.536				
1146-65-2	Naphthalene-d8	14166	10.298				
15067-26-2	Acenaphthene-d10	7505	14.173				

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK960	SDG No.:	BN082824
Lab Sample ID:	PB162960BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033654.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15471	16.926				
1719-03-5	Chrysene-d12	11875	21.134				
1520-96-3	Perylene-d12	12421	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK970	SDG No.:	BN082824
Lab Sample ID:	PB162970BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033655.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

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	7.149		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.382		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5476		7.536			
1146-65-2	Naphthalene-d8	15349		10.294			
15067-26-2	Acenaphthene-d10	8017		14.175			

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK970	SDG No.:	BN082824
Lab Sample ID:	PB162970BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033655.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16230	16.927				
1719-03-5	Chrysene-d12	12383	21.133				
1520-96-3	Perylene-d12	12755	23.295				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2496	SDG No.:	BN082824
Lab Sample ID:	P3711-04	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
BN033656.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

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	0.22		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	5.246		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.441		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5401		7.536			
1146-65-2	Naphthalene-d8	14977		10.294			
15067-26-2	Acenaphthene-d10	7847		14.175			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E2496	SDG No.:	BN082824
Lab Sample ID:	P3711-04	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
BN033656.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16812	16.927				
1719-03-5	Chrysene-d12	12741	21.13				
1520-96-3	Perylene-d12	13543	23.292				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2493	SDG No.:	BN082824
Lab Sample ID:	P3711-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN033657.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

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	0.29		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	4.799		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		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	5322		7.536			
1146-65-2	Naphthalene-d8	14845		10.294			
15067-26-2	Acenaphthene-d10	7781		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E2493	SDG No.:	BN082824
Lab Sample ID:	P3711-01	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
BN033657.D	1	8/22/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16214	16.923				
1719-03-5	Chrysene-d12	12555	21.132				
1520-96-3	Perylene-d12	12974	23.295				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A3	SDG No.:	BN082824
Lab Sample ID:	P3711-13	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
BN033658.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

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	5.437		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.483		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.342		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5184		7.536			
1146-65-2	Naphthalene-d8	14597		10.294			
15067-26-2	Acenaphthene-d10	7875		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A3	SDG No.:	BN082824
Lab Sample ID:	P3711-13	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
BN033658.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16543	16.927				
1719-03-5	Chrysene-d12	12703	21.132				
1520-96-3	Perylene-d12	13033	23.295				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A6	SDG No.:	BN082824
Lab Sample ID:	P3711-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033659.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

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	5.667		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5480		7.536			
1146-65-2	Naphthalene-d8	15494		10.294			
15067-26-2	Acenaphthene-d10	8384		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A6	SDG No.:	BN082824
Lab Sample ID:	P3711-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033659.D	1	8/23/2024 12:00:00 AM	8/28/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16982	16.923				
1719-03-5	Chrysene-d12	12973	21.13				
1520-96-3	Perylene-d12	13398	23.289				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24A7	SDG No.:	BN082824
Lab Sample ID:	P3711-16	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
BN033660.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

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	5.059		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.452		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5590	7.536				
1146-65-2	Naphthalene-d8	15928	10.294				
15067-26-2	Acenaphthene-d10	8823	14.174				

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24A7	SDG No.:	BN082824
Lab Sample ID:	P3711-16	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
BN033660.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18597	16.923				
1719-03-5	Chrysene-d12	14306	21.13				
1520-96-3	Perylene-d12	14462	23.289				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A9	SDG No.:	BN082824
Lab Sample ID:	P3711-17	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
BN033661.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

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	5.549		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5585		7.536			
1146-65-2	Naphthalene-d8	15945		10.294			
15067-26-2	Acenaphthene-d10	8913		14.174			

Report of Analysis

Client:		Date Collected:	8/19/2024 12:00:00 AM
Project:		Date Received:	8/19/2024 12:00:00 AM
Client Sample ID:	E24A9	SDG No.:	BN082824
Lab Sample ID:	P3711-17	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
BN033661.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18424	16.923				
1719-03-5	Chrysene-d12	14163	21.13				
1520-96-3	Perylene-d12	14432	23.289				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24B0	SDG No.:	BN082824
Lab Sample ID:	P3711-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033662.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

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	4.933		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.522	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.387		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5345		7.536			
1146-65-2	Naphthalene-d8	15280		10.294			
15067-26-2	Acenaphthene-d10	8592		14.175			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24B0	SDG No.:	BN082824
Lab Sample ID:	P3711-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033662.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18020	16.923				
1719-03-5	Chrysene-d12	13965	21.13				
1520-96-3	Perylene-d12	14169	23.289				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SLCS970	SDG No.:	BN082824
Lab Sample ID:	PB162970BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033663.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.43		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	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.64		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		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	0.38		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	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.858		15-120		107	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.463		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.421		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5239	7.536				
1146-65-2	Naphthalene-d8	14225	10.294				
15067-26-2	Acenaphthene-d10	7080	14.174				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SLCS970	SDG No.:	BN082824
Lab Sample ID:	PB162970BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033663.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14906	16.923				
1719-03-5	Chrysene-d12	12049	21.13				
1520-96-3	Perylene-d12	12600	23.292				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SLCS960	SDG No.:	BN082824
Lab Sample ID:	PB162960BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033664.D	1	8/22/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		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	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.6		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.36		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		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	0.36		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.787		15-120		98	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.421		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5511	7.536				
1146-65-2	Naphthalene-d8	14923	10.294				
15067-26-2	Acenaphthene-d10	7455	14.174				

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SLCS960	SDG No.:	BN082824
Lab Sample ID:	PB162960BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033664.D	1	8/22/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15752	16.923				
1719-03-5	Chrysene-d12	12772	21.13				
1520-96-3	Perylene-d12	13553	23.292				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK970	SDG No.:	BN082824
Lab Sample ID:	PB162970BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033666.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

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	7.02		15-120		88	SPK: -8
93951-69-0	Fluoranthene-d10	0.384		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7755	7.527				
1146-65-2	Naphthalene-d8	22529	10.288				
15067-26-2	Acenaphthene-d10	12155	14.17				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	SBLK970	SDG No.:	BN082824
Lab Sample ID:	PB162970BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033666.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25975	16.923				
1719-03-5	Chrysene-d12	20160	21.135				
1520-96-3	Perylene-d12	20127	23.298				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24B0	SDG No.:	BN082824
Lab Sample ID:	P3711-18	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
BN033667.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

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	4.931		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.326		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5844		7.532			
1146-65-2	Naphthalene-d8	16690		10.293			
15067-26-2	Acenaphthene-d10	9300		14.173			

Report of Analysis

Client:		Date Collected:	8/20/2024 12:00:00 AM
Project:		Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	E24B0	SDG No.:	BN082824
Lab Sample ID:	P3711-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033667.D	1	8/23/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB162970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19484	16.922				
1719-03-5	Chrysene-d12	14918	21.131				
1520-96-3	Perylene-d12	15248	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN082824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2493								
P3711-01	E2493	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-01	E2493	Water	Pentachlorophenol		0.290	0.041	0.2	ug/L
			Total Svoc :			0.29		
			Total Concentration:			0.29		
Client ID : E2494								
P3711-02	E2494	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-02	E2494	Water	Pentachlorophenol		0.430	0.041	0.2	ug/L
			Total Svoc :			0.43		
			Total Concentration:			0.43		
Client ID : E2495								
P3711-03	E2495	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-03	E2495	Water	Pentachlorophenol		0.490	0.041	0.2	ug/L
			Total Svoc :			0.49		
			Total Concentration:			0.49		
Client ID : E2496								
P3711-04	E2496	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-04	E2496	Water	Pentachlorophenol		0.220	0.041	0.2	ug/L
			Total Svoc :			0.22		
			Total Concentration:			0.22		
Client ID : E2497								
P3711-05	E2497	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-05	E2497	Water	Pentachlorophenol		0.110	0.041	0.2	ug/L
			Total Svoc :			0.11		
			Total Concentration:			0.11		
Client ID : E2498								
P3711-06	E2498	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2499								
P3711-07	E2499	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BN082824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3711-07	E2499	Water	Pentachlorophenol	0.180	J	0.041	0.2	ug/L
			Total Svoc :			0.18		
			Total Concentration:			0.18		
Client ID : E24A0								
P3711-08	E24A0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-08	E24A0	Water	Pentachlorophenol	0.890		0.041	0.2	ug/L
			Total Svoc :			0.89		
			Total Concentration:			0.89		
Client ID : E24A1								
P3711-11	E24A1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-11	E24A1	Water	Benzo(b)fluoranthene	0.020	J	0.004	0.1	ug/L
P3711-11	E24A1	Water	Benzo(g,h,i)perylene	0.030	J	0.025	0.1	ug/L
P3711-11	E24A1	Water	Benzo(k)fluoranthene	0.020	J	0.019	0.1	ug/L
P3711-11	E24A1	Water	Fluoranthene	0.030	J	0.022	0.1	ug/L
P3711-11	E24A1	Water	Phenanthrene	0.020	J	0.014	0.1	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID : E24A2								
P3711-12	E24A2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-12	E24A2	Water	1,4-Dioxane	0.250		0.031	0.2	ug/L
			Total Svoc :			0.25		
			Total Concentration:			0.25		
Client ID : E24A3								
P3711-13	E24A3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E24A6								
P3711-15	E24A6	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-15	E24A6	Water	Naphthalene	0.020	J	0.011	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		
Client ID : E24A7								
P3711-16	E24A7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BN082824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3711-16	E24A7	Water	Naphthalene	0.020	J	0.011	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		
Client ID : E24A9								
P3711-17	E24A9	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-17	E24A9	Water	Naphthalene	0.020	J	0.011	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		
Client ID : E24B0								
P3711-18	E24B0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
P3711-18	E24B0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3711-18	E24B0	Water	Naphthalene	0.020	J	0.011	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN082724 SAS No.: BN082724 SDG No.: BN082724
Instrument ID: _____ Calibration Date(s): 8/27/2024 : _____
Calibration Time(s): 11:11 _____

LAB FILE ID:		RRFAL1 = BN033630.D			RRFAL2 = BN033631.D		RRFAL3 = BN033632.D	
		RRFAL4 = BN033633.D			RRFAL5 = BN033634.D		RRFAL6 = BN033635.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.431	0.466	0.456	0.462	0.466	0.456	3.2
1,4-Dioxane-d8		0.401	0.416	0.418	0.407	0.414	0.411	1.8
Naphthalene	1.091	1.065	1.051	1.093	1.048		1.070	2.0
1-Methylnaphthalene	0.714	0.694	0.690	0.701	0.686		0.697	1.6
2-Methylnaphthalene	0.692	0.670	0.668	0.689	0.670		0.678	1.7
Acenaphthylene	1.867	1.787	1.811	1.821	1.797		1.817	1.7
Acenaphthene	1.337	1.286	1.321	1.328	1.284		1.311	1.9
Fluorene	1.484	1.440	1.485	1.469	1.449		1.465	1.4
Pentachlorophenol		0.126	0.117	0.122	0.127	0.137	0.126	5.8
Phenanthrene	1.278	1.166	1.111	1.194	1.150		1.180	5.3
Anthracene	1.084	1.054	1.009	1.082	1.073		1.061	3.0
Fluoranthene	1.746	1.573	1.488	1.548	1.536		1.578	6.3
Pyrene	1.871	1.684	1.579	1.636	1.606		1.675	6.9
Benzo(a)anthracene	1.790	1.605	1.476	1.490	1.514		1.575	8.3
Chrysene	1.874	1.628	1.481	1.500	1.471		1.591	10.7
Benzo(b)fluoranthene	1.812	1.530	1.451	1.544	1.426		1.553	9.9
Benzo(k)fluoranthene	1.811	1.560	1.433	1.492	1.471		1.553	9.7
Benzo(a)pyrene	1.392	1.240	1.158	1.237	1.206		1.247	7.0
Indeno(1,2,3-cd)pyrene	2.186	1.873	1.728	1.842	1.735		1.873	9.9
Dibenzo(a,h)anthracene	1.682	1.466	1.340	1.430	1.354		1.454	9.5
Benzo(g,h,i)perylene	1.693	1.462	1.354	1.457	1.352		1.463	9.5
Fluoranthene-d10	1.218	1.193	1.154	1.197	1.200		1.192	2.0
2-Methylnaphthalene-d10	0.590	0.571	0.566	0.576	0.566		0.574	1.7

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4204 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 11:08

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	5619	7.54	15327	10.30	7957	14.18
	UPPER LIMIT	11238	8.04	30654	10.798	15914	14.678
	LOWER LIMIT	2809.5	7.04	7663.5	9.798	3978.5	13.678
	EPA SAMPLE NO.						
01	SBLK963	7157	7.54	20132	10.30	10589	14.17
02	SBLK967	5127	7.54	14294	10.30	7557	14.18
03	E24A0	4711	7.54	13140	10.30	7063	14.17
04	E24A0MS	5118	7.54	14095	10.30	7099	14.18
05	E24A0MSD	5594	7.54	15220	10.30	7554	14.17
06	E2497	5162	7.54	14279	10.30	7608	14.17
07	E2498	5071	7.54	14309	10.30	7644	14.18
08	E2499	4999	7.54	14176	10.30	7952	14.17
09	E24A1	5405	7.54	14924	10.30	7906	14.18
10	E24A2	5311	7.54	15040	10.30	8109	14.17
11	E2494	5137	7.54	14159	10.30	7466	14.17
12	E2495	4810	7.54	13348	10.30	7225	14.17
13	SLCS967	5134	7.54	13793	10.30	6779	14.17
14	SLCS963	5127	7.54	13766	10.29	6841	14.17
15	SBLK960	5080	7.54	14166	10.30	7505	14.17
16	SBLK970	5476	7.54	15349	10.29	8017	14.18
17	E2496	5401	7.54	14977	10.29	7847	14.18
18	E2493	5322	7.54	14845	10.29	7781	14.17
19	E24A3	5184	7.54	14597	10.29	7875	14.17
20	E24A6	5480	7.54	15494	10.29	8384	14.17
21	E24A7	5590	7.54	15928	10.29	8823	14.17
22	E24A9	5585	7.54	15945	10.29	8913	14.17
23	E24B0	5345	7.54	15280	10.29	8592	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4204 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 02:12

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	5619	7.54	15327	10.30	7957	14.18
UPPER LIMIT	11238	8.04	30654	10.798	15914	14.678
LOWER LIMIT	2809.5	7.04	7663.5	9.798	3978.5	13.678
EPA SAMPLE NO.						
24 SLCS970	5239	7.54	14225	10.29	7080	14.17
25 SLCS960	5511	7.54	14923	10.29	7455	14.17
26 SBLK970	7755	7.53	22529	10.29	12155	14.17
27 E24B0	5844	7.53	16690	10.29	9300	14.17

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4298 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033638.D Time Analyzed: 11:08

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	6189	7.536	16814	10.30	8507	14.17
UPPER LIMIT	12378	8.036	33628	10.799	17014	14.674
LOWER LIMIT	3094.5	7.036	8407	9.799	4253.5	13.674
EPA SAMPLE NO.						
01 SBLK963	7157	7.54	20132	10.30	10589	14.17
02 SBLK967	5127	7.54	14294	10.30	7557	14.18
03 E24A0	4711	7.54	13140	10.30	7063	14.17
04 E24AOMS	5118	7.54	14095	10.30	7099	14.18
05 E24AOMSD	5594	7.54	15220	10.30	7554	14.17
06 E2497	5162	7.54	14279	10.30	7608	14.17
07 E2498	5071	7.54	14309	10.30	7644	14.18
08 E2499	4999	7.54	14176	10.30	7952	14.17
09 E24A1	5405	7.54	14924	10.30	7906	14.18
10 E24A2	5311	7.54	15040	10.30	8109	14.17
11 E2494	5137	7.54	14159	10.30	7466	14.17
12 E2495	4810	7.54	13348	10.30	7225	14.17
13 SLCS967	5134	7.54	13793	10.30	6779	14.17
14 SLCS963	5127	7.54	13766	10.29	6841	14.17

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4299 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033653.D Time Analyzed: 20:47

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	5302	7.536	14259	10.30	7174	14.18
UPPER LIMIT	10604	8.036	28518	10.799	14348	14.675
LOWER LIMIT	2651	7.036	7129.5	9.799	3587	13.675
EPA SAMPLE NO.						
01 SBLK960	5080	7.54	14166	10.30	7505	14.17
02 SBLK970	5476	7.54	15349	10.29	8017	14.18
03 E2496	5401	7.54	14977	10.29	7847	14.18
04 E2493	5322	7.54	14845	10.29	7781	14.17
05 E24A3	5184	7.54	14597	10.29	7875	14.17
06 E24A6	5480	7.54	15494	10.29	8384	14.17
07 E24A7	5590	7.54	15928	10.29	8823	14.17
08 E24A9	5585	7.54	15945	10.29	8913	14.17
09 E24B0	5345	7.54	15280	10.29	8592	14.18
10 SLCS970	5239	7.54	14225	10.29	7080	14.17
11 SLCS960	5511	7.54	14923	10.29	7455	14.17

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4300 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033665.D Time Analyzed: 08:37

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	5763	7.536	15680	10.29	7998	14.17
UPPER LIMIT	11526	8.036	31360	10.794	15996	14.674
LOWER LIMIT	2881.5	7.036	7840	9.794	3999	13.674
EPA SAMPLE NO.						
01 SBLK970	7755	7.53	22529	10.29	12155	14.17
02 E24B0	5844	7.53	16690	10.29	9300	14.17

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4204 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 11:08

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	16648	16.93	14141	21.137	15253	23.3
	UPPER LIMIT	33296	17.43	28282	21.637	30506	23.8
	LOWER LIMIT	8324	16.43	7070.5	20.637	7626.5	22.8
	EPA SAMPLE NO.						
01	SBLK963	21728	16.93	16983	21.14	18002	23.30
02	SBLK967	15848	16.93	12199	21.14	12457	23.30
03	E24A0	14996	16.93	11606	21.14	12105	23.30
04	E24A0MS	15108	16.93	12489	21.14	13673	23.30
05	E24A0MSD	15718	16.93	12644	21.14	13871	23.30
06	E2497	15998	16.93	12557	21.14	13045	23.30
07	E2498	16213	16.93	12429	21.14	12929	23.30
08	E2499	16685	16.93	12713	21.14	13468	23.30
09	E24A1	16669	16.93	12920	21.14	13450	23.31
10	E24A2	17213	16.93	13347	21.14	13788	23.31
11	E2494	15650	16.93	11811	21.14	12380	23.30
12	E2495	15460	16.93	11949	21.14	12097	23.30
13	SLCS967	13914	16.93	11161	21.14	11953	23.30
14	SLCS963	14285	16.93	11403	21.14	12379	23.30
15	SBLK960	15471	16.93	11875	21.13	12421	23.30
16	SBLK970	16230	16.93	12383	21.13	12755	23.30
17	E2496	16812	16.93	12741	21.13	13543	23.29
18	E2493	16214	16.92	12555	21.13	12974	23.30
19	E24A3	16543	16.93	12703	21.13	13033	23.30
20	E24A6	16982	16.92	12973	21.13	13398	23.29
21	E24A7	18597	16.92	14306	21.13	14462	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4204 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 01:00

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	16648	16.93	14141	21.137	15253	23.3
UPPER LIMIT	33296	17.43	28282	21.637	30506	23.8
LOWER LIMIT	8324	16.43	7070.5	20.637	7626.5	22.8
EPA SAMPLE NO.						
22 E24A9	18424	16.92	14163	21.13	14432	23.29
23 E24B0	18020	16.92	13965	21.13	14169	23.29
24 SLCS970	14906	16.92	12049	21.13	12600	23.29
25 SLCS960	15752	16.92	12772	21.13	13553	23.29
26 SBLK970	25975	16.92	20160	21.14	20127	23.30
27 E24B0	19484	16.92	14918	21.13	15248	23.29

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4298 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033638.D Time Analyzed: 11:08

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	17952	16.927	15157	21.138	16791	23.304
UPPER LIMIT	35904	17.427	30314	21.638	33582	23.804
LOWER LIMIT	8976	16.427	7578.5	20.638	8395.5	22.804
EPA SAMPLE NO.						
01 SBLK963	21728	16.93	16983	21.14	18002	23.30
02 SBLK967	15848	16.93	12199	21.14	12457	23.30
03 E24A0	14996	16.93	11606	21.14	12105	23.30
04 E24A0MS	15108	16.93	12489	21.14	13673	23.30
05 E24A0MSD	15718	16.93	12644	21.14	13871	23.30
06 E2497	15998	16.93	12557	21.14	13045	23.30
07 E2498	16213	16.93	12429	21.14	12929	23.30
08 E2499	16685	16.93	12713	21.14	13468	23.30
09 E24A1	16669	16.93	12920	21.14	13450	23.31
10 E24A2	17213	16.93	13347	21.14	13788	23.31
11 E2494	15650	16.93	11811	21.14	12380	23.30
12 E2495	15460	16.93	11949	21.14	12097	23.30
13 SLCS967	13914	16.93	11161	21.14	11953	23.30
14 SLCS963	14285	16.93	11403	21.14	12379	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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4299 Date Analyzed: Aug 28 2024 12:00AM

Lab File ID: BN033653.D Time Analyzed: 20:47

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	14914	16.927	12093	21.136	13330	23.301
UPPER LIMIT	29828	17.427	24186	21.636	26660	23.801
LOWER LIMIT	7457	16.427	6046.5	20.636	6665	22.801
EPA SAMPLE NO.						
01 SBLK960	15471	16.93	11875	21.13	12421	23.30
02 SBLK970	16230	16.93	12383	21.13	12755	23.30
03 E2496	16812	16.93	12741	21.13	13543	23.29
04 E2493	16214	16.92	12555	21.13	12974	23.30
05 E24A3	16543	16.93	12703	21.13	13033	23.30
06 E24A6	16982	16.92	12973	21.13	13398	23.29
07 E24A7	18597	16.92	14306	21.13	14462	23.29
08 E24A9	18424	16.92	14163	21.13	14432	23.29
09 E24B0	18020	16.92	13965	21.13	14169	23.29
10 SLCS970	14906	16.92	12049	21.13	12600	23.29
11 SLCS960	15752	16.92	12772	21.13	13553	23.29

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.: BN082824 SAS No.: BN082824 SDG NO.: BN082824

EPA Sample No.: SSTD0.4300 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033665.D Time Analyzed: 08:37

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	17196	16.923	14178	21.13	15273	23.286
UPPER LIMIT	34392	17.423	28356	21.63	30546	23.786
LOWER LIMIT	8598	16.423	7089	20.63	7636.5	22.786
EPA SAMPLE NO.						
01 SBLK970	25975	16.92	20160	21.14	20127	23.30
02 E24B0	19484	16.92	14918	21.13	15248	23.29

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.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162960BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.36	ug/L	90				0	0	
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	Acenaphthylene	0.4	0.34	ug/L	85				0	0	
	Acenaphthene	0.4	0.38	ug/L	95				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.6	ug/L	75				0	0	
	Phenanthrene	0.4	0.35	ug/L	88				0	0	
	Anthracene	0.4	0.35	ug/L	88				0	0	
	Fluoranthene	0.4	0.37	ug/L	93				0	0	
	Pyrene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0	
	Chrysene	0.4	0.36	ug/L	90				0	0	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0	
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	0.4	0.36	ug/L	90				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162963BS	1,4-Dioxane	2	2	ug/L	100				0	0	
	Naphthalene	0.4	0.38	ug/L	95				0	0	
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.41	ug/L	103				0	0	
	Fluorene	0.4	0.4	ug/L	100				0	0	
	Pentachlorophenol	0.8	0.67	ug/L	84				0	0	
	Phenanthrene	0.4	0.37	ug/L	93				0	0	
	Anthracene	0.4	0.37	ug/L	93				0	0	
	Fluoranthene	0.4	0.39	ug/L	98				0	0	
	Pyrene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162967BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.39	ug/L	98				0	0	
	1-Methylnaphthalene	0.4	0.45	ug/L	113				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.41	ug/L	103				0	0	
	Pentachlorophenol	0.8	0.68	ug/L	85				0	0	
	Phenanthrene	0.4	0.39	ug/L	98				0	0	
	Anthracene	0.4	0.38	ug/L	95				0	0	
	Fluoranthene	0.4	0.4	ug/L	100				0	0	
	Pyrene	0.4	0.39	ug/L	98				0	0	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162970BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.43	ug/L	108				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.4	ug/L	100				0	0		
	Pentachlorophenol	0.8	0.64	ug/L	80				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK960

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN082824

SAS No.: BN082824 SDG NO.: BN082824

Lab File ID: BN033654.D

Lab Sample ID: PB162960BL

Instrument ID: BNA_N

Date Extracted: 08/22/2024

Matrix: (soil/water) Water

Date Analyzed: 08/28/2024

Level: (low/med) LOW

Time Analyzed: 20:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162960BS	PB162960BS	BN033664.D	08/29/2024
E2494	P3711-02	BN033649.D	08/28/2024
E2495	P3711-03	BN033650.D	08/28/2024
E2496	P3711-04	BN033656.D	08/28/2024
E2493	P3711-01	BN033657.D	08/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK963

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN082824

SAS No.: BN082824 SDG NO.: BN082824

Lab File ID: BN033639.D

Lab Sample ID: PB162963BL

Instrument ID: BNA_N

Date Extracted: 08/22/2024

Matrix: (soil/water) Water

Date Analyzed: 08/28/2024

Level: (low/med) LOW

Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162963BS	PB162963BS	BN033652.D	08/28/2024
E24A0	P3711-08	BN033641.D	08/28/2024
E24A0MS	P3711-09MS	BN033642.D	08/28/2024
E24A0MSD	P3711-10MSD	BN033643.D	08/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK967

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN082824

SAS No.: BN082824 SDG NO.: BN082824

Lab File ID: BN033640.D

Lab Sample ID: PB162967BL

Instrument ID: BNA_N

Date Extracted: 08/23/2024

Matrix: (soil/water) Water

Date Analyzed: 08/28/2024

Level: (low/med) LOW

Time Analyzed: 11:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162967BS	PB162967BS	BN033651.D	08/28/2024
E2497	P3711-05	BN033644.D	08/28/2024
E2498	P3711-06	BN033645.D	08/28/2024
E2499	P3711-07	BN033646.D	08/28/2024
E24A1	P3711-11	BN033647.D	08/28/2024
E24A2	P3711-12	BN033648.D	08/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK970

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN082824

SAS No.: BN082824 SDG NO.: BN082824

Lab File ID: BN033666.D

Lab Sample ID: PB162970BL

Instrument ID: BNA_N

Date Extracted: 08/23/2024

Matrix: (soil/water) Water

Date Analyzed: 08/29/2024

Level: (low/med) LOW

Time Analyzed: 08:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E24B0	P3711-18	BN033667.D	08/29/2024
E24A3	P3711-13	BN033658.D	08/28/2024
E24A6	P3711-15	BN033659.D	08/28/2024
E24A7	P3711-16	BN033660.D	08/29/2024
E24A9	P3711-17	BN033661.D	08/29/2024
E24B0	P3711-18	BN033662.D	08/29/2024
PB162970BS	PB162970BS	BN033663.D	08/29/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3711-09MS	Client Sample ID:	E24A0MS					DataFile:	BN033642.D		
1,4-Dioxane	2		0.86	ug/L	43				15	120	
Naphthalene	0.4		0.31	ug/L	78				0	0	
1-Methylnaphthalene	0.4		0.35	ug/L	88				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		0.35	ug/L	88				46	118	
Fluorene	0.4		0.36	ug/L	90				0	0	
Pentachlorophenol	0.8	0.89	0.86	ug/L	-4	*			9	103	
Phenanthrene	0.4		0.35	ug/L	88				0	0	
Anthracene	0.4		0.35	ug/L	88				0	0	
Fluoranthene	0.4		0.39	ug/L	98				0	0	
Pyrene	0.4		0.39	ug/L	98				26	127	
Benzo(a)anthracene	0.4		0.39	ug/L	98				0	0	
Chrysene	0.4		0.39	ug/L	98				0	0	
Benzo(b)fluoranthene	0.4		0.38	ug/L	95				0	0	
Benzo(k)fluoranthene	0.4		0.38	ug/L	95				0	0	
Benzo(a)pyrene	0.4		0.41	ug/L	103				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.38	ug/L	95				0	0	
Dibenzo(a,h)anthracene	0.4		0.38	ug/L	95				0	0	
Benzo(g,h,i)perylene	0.4		0.38	ug/L	95				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3711-10MSD	Client Sample ID:	E24A0MSD					DataFile:	BN033643.D		
1,4-Dioxane	2		0.82	ug/L	41		5		15	120	50
Naphthalene	0.4		0.3	ug/L	75		4	*	0	0	0
1-Methylnaphthalene	0.4		0.34	ug/L	85		3	*	0	0	0
2-Methylnaphthalene	0.4		0.3	ug/L	75		0		0	0	0
Acenaphthylene	0.4		0.31	ug/L	78		3	*	0	0	0
Acenaphthene	0.4		0.34	ug/L	85		3		46	118	31
Fluorene	0.4		0.34	ug/L	85		6	*	0	0	0
Pentachlorophenol	0.8	0.89	0.86	ug/L	-4	*	0		9	103	50
Phenanthrene	0.4		0.34	ug/L	85		3	*	0	0	0
Anthracene	0.4		0.33	ug/L	83		6	*	0	0	0
Fluoranthene	0.4		0.38	ug/L	95		3	*	0	0	0
Pyrene	0.4		0.38	ug/L	95		3		26	127	31
Benzo(a)anthracene	0.4		0.38	ug/L	95		3	*	0	0	0
Chrysene	0.4		0.38	ug/L	95		3	*	0	0	0
Benzo(b)fluoranthene	0.4		0.37	ug/L	93		2	*	0	0	0
Benzo(k)fluoranthene	0.4		0.38	ug/L	95		0		0	0	0
Benzo(a)pyrene	0.4		0.41	ug/L	103		0		0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.38	ug/L	95		0		0	0	0
Dibenzo(a,h)anthracene	0.4		0.38	ug/L	95		0		0	0	0
Benzo(g,h,i)perylene	0.4		0.38	ug/L	95		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BN082824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3711-01	E2493	BN033657.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		30	130
P3711-02	E2494	BN033649.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P3711-03	E2495	BN033650.D	1,4-Dioxane-d8	8	5.17	65		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
P3711-04	E2496	BN033656.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
PB162960BL	PB162960BL	BN033654.D	1,4-Dioxane-d8	8	7.18	90		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB162960BS	PB162960BS	BN033664.D	1,4-Dioxane-d8	0.8	0.79	98		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: BN082824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3711-08	E24A0	BN033641.D	1,4-Dioxane-d8	8	5.73	72		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P3711-09MS	E24A0MS	BN033642.D	1,4-Dioxane-d8	0.8	0.31	39		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P3711-10MSD	E24A0MSD	BN033643.D	1,4-Dioxane-d8	0.8	0.31	38		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB162963BL	PB162963BL	BN033639.D	1,4-Dioxane-d8	8	6.56	82		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB162963BS	PB162963BS	BN033652.D	1,4-Dioxane-d8	0.8	0.79	98		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

Surrogate Summary

SW-846

SDG No.: **BN082824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3711-05	E2497	BN033644.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P3711-06	E2498	BN033645.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P3711-07	E2499	BN033646.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3711-11	E24A1	BN033647.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P3711-12	E24A2	BN033648.D	1,4-Dioxane-d8	8	5.17	65		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB162967BL	PB162967BL	BN033640.D	1,4-Dioxane-d8	8	7.20	90		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB162967BS	PB162967BS	BN033651.D	1,4-Dioxane-d8	0.8	0.85	107		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.43	106		30	130

Surrogate Summary

SW-846

SDG No.: **BN082824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3711-13	E24A3	BN033658.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P3711-15	E24A6	BN033659.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P3711-16	E24A7	BN033660.D	1,4-Dioxane-d8	8	5.06	63		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P3711-17	E24A9	BN033661.D	1,4-Dioxane-d8	8	5.55	69		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P3711-18	E24B0	BN033662.D	1,4-Dioxane-d8	8	4.93	62		15	120
		BN033667.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
		BN033662.D	Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
		BN033667.D	2-Methylnaphthalene-d10	0.4	0.33	81		30	130
PB162970BL	PB162970BL	BN033666.D	1,4-Dioxane-d8	8	7.02	88		15	120
		BN033655.D	1,4-Dioxane-d8	8	7.15	89		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
		BN033666.D	Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
		BN033655.D	2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB162970BS	PB162970BS	BN033663.D	1,4-Dioxane-d8	0.8	0.86	107		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN082824

Lab Code: CHEM

SAS No.: BN082824

SDG NO.: BN082824

Lab File ID: BN033637.D

DFTPP Injection Date: 08/28/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.3
443	15.0 - 24.0% of mass 442	12.5 (18.9) 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
SSTD0.4298	SSTDCCC0.4	BN033638.D	08/28/2024	10:29
SBLK963	PB162963BL	BN033639.D	08/28/2024	11:08
SBLK967	PB162967BL	BN033640.D	08/28/2024	11:44
E24A0	P3711-08	BN033641.D	08/28/2024	12:20
E24A0MS	P3711-09MS	BN033642.D	08/28/2024	12:56
E24A0MSD	P3711-10MSD	BN033643.D	08/28/2024	13:32
E2497	P3711-05	BN033644.D	08/28/2024	14:08
E2498	P3711-06	BN033645.D	08/28/2024	14:45
E2499	P3711-07	BN033646.D	08/28/2024	15:21
E24A1	P3711-11	BN033647.D	08/28/2024	15:57
E24A2	P3711-12	BN033648.D	08/28/2024	16:33
E2494	P3711-02	BN033649.D	08/28/2024	17:10
E2495	P3711-03	BN033650.D	08/28/2024	17:46
SLCS967	PB162967BS	BN033651.D	08/28/2024	18:22
SLCS963	PB162963BS	BN033652.D	08/28/2024	18:59
SSTD0.4299	SSTDCCC0.4	BN033653.D	08/28/2024	20:11
SBLK960	PB162960BL	BN033654.D	08/28/2024	20:47
SBLK970	PB162970BL	BN033655.D	08/28/2024	21:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN082824

Lab Code: CHEM

SAS No.: BN082824

SDG NO.: BN082824

Lab File ID: BN033637.D

DFTPP Injection Date: 08/28/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.3
443	15.0 - 24.0% of mass 442	12.5 (18.9) 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
E2496	P3711-04	BN033656.D	08/28/2024	22:00
E2493	P3711-01	BN033657.D	08/28/2024	22:36
E24A3	P3711-13	BN033658.D	08/28/2024	23:12
E24A6	P3711-15	BN033659.D	08/28/2024	23:48
E24A7	P3711-16	BN033660.D	08/29/2024	00:24
E24A9	P3711-17	BN033661.D	08/29/2024	01:00
E24B0	P3711-18	BN033662.D	08/29/2024	01:36
SLCS970	PB162970BS	BN033663.D	08/29/2024	02:12
SLCS960	PB162960BS	BN033664.D	08/29/2024	02:49
SSTD0.4300	SSTDCCC0.4	BN033665.D	08/29/2024	04:01
SBLK970	PB162970BL	BN033666.D	08/29/2024	08:37
E24B0	P3711-18	BN033667.D	08/29/2024	09:13
SSTD0.4301	SSTDCCC0.4EC	BN033668.D	08/29/2024	10:06