

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN092424 SAS No.: BN092424 SDG No.: BN092424

Instrument ID: BNA_N Calibration Date/Time: 9/23/2024 1:19:13

Lab File ID: BN034171.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4315 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	0.544	0.010	19.1187	40.0
1,4-Dioxane-d8	0.411	0.487	0.010	18.4682	40.0
Naphthalene	1.070	1.120	0.600	4.7347	30.0
1-Methylnaphthalene	0.697	0.719	0.300	3.1542	30.0
2-Methylnaphthalene	0.678	0.696	0.300	2.657	30.0
Acenaphthylene	1.817	1.825	0.900	0.4489	30.0
Acenaphthene	1.311	1.460	0.500	11.3296	30.0
Fluorene	1.465	1.615	0.700	10.1933	30.0
Pentachlorophenol	0.126	0.090	0.010	-28.4773	50.0
Phenanthrene	1.180	1.223	0.300	3.6641	30.0
Anthracene	1.061	1.019	0.400	-3.9366	30.0
Fluoranthene	1.578	2.009	0.400	27.31	30.0
Pyrene	1.675	2.144	0.500	27.9926	30.0
Benzo (a) anthracene	1.575	1.588	0.400	0.8542	30.0
Chrysene	1.591	1.825	0.400	14.7547	30.0
Benzo (b) fluoranthene	1.553	1.653	0.200	6.4349	30.0
Benzo (k) fluoranthene	1.553	1.859	0.200	19.6817	30.0
Benzo (a) pyrene	1.247	1.332	0.200	6.8052	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.880	0.200	0.362	30.0
Dibenzo (a,h) anthracene	1.454	1.437	0.200	-1.1712	30.0
Benzo (g,h,i) perylene	1.463	1.547	0.200	5.7122	30.0
Fluoranthene-d10	1.192	1.456	0.400	22.0944	30.0
2-Methylnaphthalene-d10	0.574	0.554	0.300	-3.4373	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.: BN092424 SAS No.: BN092424 SDG No.: BN092424

Instrument ID: BNA_N Calibration Date/Time: 9/24/2024 1:04:53

Lab File ID: BN034186.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4316 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	0.526	0.010	15.203	40.0
1,4-Dioxane-d8	0.411	0.491	0.010	19.2997	40.0
Naphthalene	1.070	1.111	0.600	3.8773	30.0
1-Methylnaphthalene	0.697	0.714	0.300	2.3952	30.0
2-Methylnaphthalene	0.678	0.689	0.300	1.6559	30.0
Acenaphthylene	1.817	1.804	0.900	-0.6656	30.0
Acenaphthene	1.311	1.446	0.500	10.2513	30.0
Fluorene	1.465	1.612	0.700	9.9873	30.0
Pentachlorophenol	0.126	0.076	0.010	-39.536	50.0
Phenanthrene	1.180	1.210	0.300	2.5485	30.0
Anthracene	1.061	1.003	0.400	-5.4527	30.0
Fluoranthene	1.578	1.811	0.400	14.7239	30.0
Pyrene	1.675	1.883	0.500	12.3641	30.0
Benzo (a) anthracene	1.575	1.505	0.400	-4.4457	30.0
Chrysene	1.591	1.812	0.400	13.8968	30.0
Benzo (b) fluoranthene	1.553	1.586	0.200	2.147	30.0
Benzo (k) fluoranthene	1.553	1.835	0.200	18.1188	30.0
Benzo (a) pyrene	1.247	1.289	0.200	3.4226	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.995	0.200	6.5058	30.0
Dibenzo (a,h) anthracene	1.454	1.524	0.200	4.7473	30.0
Benzo (g,h,i) perylene	1.463	1.602	0.200	9.4705	30.0
Fluoranthene-d10	1.192	1.335	0.400	11.9257	30.0
2-Methylnaphthalene-d10	0.574	0.555	0.300	-3.2393	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN092424
Lab Sample ID:	PB163442BL	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
BN034172.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

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	6.721		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5782	7.423				
1146-65-2	Naphthalene-d8	17259	10.18				
15067-26-2	Acenaphthene-d10	10199	14.074				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN092424
Lab Sample ID:	PB163442BL	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
BN034172.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20357	16.831				
1719-03-5	Chrysene-d12	11118	21.049				
1520-96-3	Perylene-d12	8554	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK503	SDG No.:	BN092424
Lab Sample ID:	PB163503BL	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
BN034173.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

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	5.355		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6805	7.423				
1146-65-2	Naphthalene-d8	20164	10.179				
15067-26-2	Acenaphthene-d10	11873	14.074				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SBLK503	SDG No.:	BN092424
Lab Sample ID:	PB163503BL	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
BN034173.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22843	16.827				
1719-03-5	Chrysene-d12	12102	21.049				
1520-96-3	Perylene-d12	9795	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN092424
Lab Sample ID:	P3994-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034174.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.07	J	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	5.84		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.457		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4851		7.423			
1146-65-2	Naphthalene-d8	13797		10.18			
15067-26-2	Acenaphthene-d10	7470		14.074			

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN092424
Lab Sample ID:	P3994-08	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
BN034174.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14626	16.827				
1719-03-5	Chrysene-d12	9973	21.046				
1520-96-3	Perylene-d12	9131	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BN092424
Lab Sample ID:	P3994-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034175.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.437		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5074	7.423				
1146-65-2	Naphthalene-d8	14595	10.18				
15067-26-2	Acenaphthene-d10	7765	14.074				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BN092424
Lab Sample ID:	P3994-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034175.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14890	16.831				
1719-03-5	Chrysene-d12	10250	21.049				
1520-96-3	Perylene-d12	9298	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B45	SDG No.:	BN092424
Lab Sample ID:	P3994-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034176.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.865		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.543	*	30-130		136	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5353		7.423			
1146-65-2	Naphthalene-d8	16705		10.179			
15067-26-2	Acenaphthene-d10	9956		14.074			

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B45	SDG No.:	BN092424
Lab Sample ID:	P3994-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034176.D	1	9/16/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19393	16.827				
1719-03-5	Chrysene-d12	10405	21.049				
1520-96-3	Perylene-d12	8218	23.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BN092424
Lab Sample ID:	P4092-08	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
BN034177.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.78		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	5.092		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.364		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6348	7.423				
1146-65-2	Naphthalene-d8	18135	10.18				
15067-26-2	Acenaphthene-d10	9879	14.074				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B28	SDG No.:	BN092424
Lab Sample ID:	P4092-08	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
BN034177.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18835	16.827				
1719-03-5	Chrysene-d12	13011	21.049				
1520-96-3	Perylene-d12	12563	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BN092424
Lab Sample ID:	P4092-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034178.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3		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	7.194		15-120		90	SPK: -8
93951-69-0	Fluoranthene-d10	0.454		30-130		113	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	6597	7.423				
1146-65-2	Naphthalene-d8	21454	10.179				
15067-26-2	Acenaphthene-d10	31023	14.069				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B36	SDG No.:	BN092424
Lab Sample ID:	P4092-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034178.D	1	9/18/2024 12:00:00 AM	9/23/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24301	16.827				
1719-03-5	Chrysene-d12	14267	21.046				
1520-96-3	Perylene-d12	12173	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BN092424
Lab Sample ID:	P4092-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034179.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		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	4.966		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6878	7.423				
1146-65-2	Naphthalene-d8	20829	10.18				
15067-26-2	Acenaphthene-d10	11463	14.074				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B37	SDG No.:	BN092424
Lab Sample ID:	P4092-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034179.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20822	16.831				
1719-03-5	Chrysene-d12	14182	21.046				
1520-96-3	Perylene-d12	13303	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BN092424
Lab Sample ID:	P4092-11	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
BN034180.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.26		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	4.868		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	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	6851		7.423			
1146-65-2	Naphthalene-d8	21529		10.18			
15067-26-2	Acenaphthene-d10	12462		14.074			

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B47	SDG No.:	BN092424
Lab Sample ID:	P4092-11	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
BN034180.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22756	16.827				
1719-03-5	Chrysene-d12	13482	21.046				
1520-96-3	Perylene-d12	12182	23.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BN092424
Lab Sample ID:	P4092-12	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
BN034181.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		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	7.967		15-120		100	SPK: -8
93951-69-0	Fluoranthene-d10	0.497		30-130		124	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.386		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6785	7.423				
1146-65-2	Naphthalene-d8	21130	10.179				
15067-26-2	Acenaphthene-d10	32435	14.069				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	C0B53	SDG No.:	BN092424
Lab Sample ID:	P4092-12	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
BN034181.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23731	16.827				
1719-03-5	Chrysene-d12	14642	21.046				
1520-96-3	Perylene-d12	12910	23.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BN092424
Lab Sample ID:	P4092-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034182.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.76		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	5.395		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	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	6750		7.423			
1146-65-2	Naphthalene-d8	20885		10.179			
15067-26-2	Acenaphthene-d10	12398		14.074			

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B15	SDG No.:	BN092424
Lab Sample ID:	P4092-01	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
BN034182.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22599	16.827				
1719-03-5	Chrysene-d12	13551	21.046				
1520-96-3	Perylene-d12	12149	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS473	SDG No.:	BN092424
Lab Sample ID:	PB163473BS	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
BN034183.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

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	0.34		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		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	0.33		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.41		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.31		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	0.3		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.32		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.712		15-120		89	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5795	7.423				
1146-65-2	Naphthalene-d8	16258	10.179				
15067-26-2	Acenaphthene-d10	8754	14.074				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SLCS473	SDG No.:	BN092424
Lab Sample ID:	PB163473BS	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
BN034183.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16380	16.831				
1719-03-5	Chrysene-d12	11642	21.049				
1520-96-3	Perylene-d12	11894	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS442	SDG No.:	BN092424
Lab Sample ID:	PB163442BS	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
BN034184.D	1	9/16/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163442

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	0.37		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	0.37		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.4		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		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	0.35		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	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.793		15-120		99	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.451		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6259	7.423				
1146-65-2	Naphthalene-d8	17964	10.18				
15067-26-2	Acenaphthene-d10	10211	14.074				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS442	SDG No.:	BN092424
Lab Sample ID:	PB163442BS	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
BN034184.D	1	9/16/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19187	16.827				
1719-03-5	Chrysene-d12	11070	21.046				
1520-96-3	Perylene-d12	10619	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS503	SDG No.:	BN092424
Lab Sample ID:	PB163503BS	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
BN034185.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		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	0.35		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	0.26		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.3		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.32		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.3		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.28		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.35		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.27		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.28		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.32		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.29		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.28		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.3		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.665		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.367		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6857	7.423				
1146-65-2	Naphthalene-d8	19320	10.18				
15067-26-2	Acenaphthene-d10	10520	14.074				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	SLCS503	SDG No.:	BN092424
Lab Sample ID:	PB163503BS	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
BN034185.D	1	9/18/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163503

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19468	16.831				
1719-03-5	Chrysene-d12	11821	21.046				
1520-96-3	Perylene-d12	11732	23.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK473	SDG No.:	BN092424
Lab Sample ID:	PB163473BL	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
BN034187.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

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	7.363		15-120		92	SPK: -8
93951-69-0	Fluoranthene-d10	0.449		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6145	7.423				
1146-65-2	Naphthalene-d8	18653	10.179				
15067-26-2	Acenaphthene-d10	11437	14.074				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	SBLK473	SDG No.:	BN092424
Lab Sample ID:	PB163473BL	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
BN034187.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21879	16.827				
1719-03-5	Chrysene-d12	11871	21.049				
1520-96-3	Perylene-d12	9508	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN092424
Lab Sample ID:	PB163442BL	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
BN034188.D	1	9/16/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163442

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	6.728		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.388		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7308	7.423				
1146-65-2	Naphthalene-d8	21889	10.179				
15067-26-2	Acenaphthene-d10	12635	14.074				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN092424
Lab Sample ID:	PB163442BL	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
BN034188.D	1	9/16/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23347	16.827				
1719-03-5	Chrysene-d12	13425	21.049				
1520-96-3	Perylene-d12	12032	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BN092424
Lab Sample ID:	P4092-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034189.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	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	8.991		15-120		112	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6784		7.423			
1146-65-2	Naphthalene-d8	19457		10.18			
15067-26-2	Acenaphthene-d10	10729		14.074			

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B16	SDG No.:	BN092424
Lab Sample ID:	P4092-02	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
BN034189.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21630	16.827				
1719-03-5	Chrysene-d12	16794	21.046				
1520-96-3	Perylene-d12	15755	23.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BN092424
Lab Sample ID:	P4092-03	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
BN034190.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.9		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	7.385		15-120		92	SPK: -8
93951-69-0	Fluoranthene-d10	0.429		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7316	7.423				
1146-65-2	Naphthalene-d8	22691	10.18				
15067-26-2	Acenaphthene-d10	21542	14.069				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B17	SDG No.:	BN092424
Lab Sample ID:	P4092-03	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
BN034190.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23758	16.827				
1719-03-5	Chrysene-d12	16088	21.046				
1520-96-3	Perylene-d12	14760	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BN092424
Lab Sample ID:	P4092-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034191.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.17	J	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	4.773		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7188		7.423			
1146-65-2	Naphthalene-d8	21353		10.179			
15067-26-2	Acenaphthene-d10	11983		14.074			

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B18	SDG No.:	BN092424
Lab Sample ID:	P4092-04	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
BN034191.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22783	16.827				
1719-03-5	Chrysene-d12	17306	21.046				
1520-96-3	Perylene-d12	16843	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BN092424
Lab Sample ID:	P4092-05	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 :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034192.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.65		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	5.412		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.529	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6471		7.423			
1146-65-2	Naphthalene-d8	20980		10.18			
15067-26-2	Acenaphthene-d10	13209		14.074			

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	C0B19	SDG No.:	BN092424
Lab Sample ID:	P4092-05	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
BN034192.D	1	9/17/2024 12:00:00 AM	9/24/2024 12:00:00 AM	PB163473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25624	16.827				
1719-03-5	Chrysene-d12	14393	21.046				
1520-96-3	Perylene-d12	12038	23.165				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0B39								
P3994-08	C0B39	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3994-08	C0B39	Water	1,4-Dioxane		0.070	J 0.031	0.2	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID : C0B44								
P3994-09	C0B44	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0B45								
P3994-10	C0B45	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3994-10	C0B45	Water	1,4-Dioxane		0.090	J 0.03	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID : C0B15								
P4092-01	C0B15	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-01	C0B15	Water	1,4-Dioxane		0.760	0.031	0.2	ug/L
			Total Svoc :			0.76		
			Total Concentration:			0.76		
Client ID : C0B16								
P4092-02	C0B16	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-02	C0B16	Water	1,4-Dioxane		1.800	0.031	0.2	ug/L
			Total Svoc :			1.80		
			Total Concentration:			1.80		
Client ID : C0B17								
P4092-03	C0B17	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-03	C0B17	Water	1,4-Dioxane		2.900	0.031	0.2	ug/L
			Total Svoc :			2.90		
			Total Concentration:			2.90		
Client ID : C0B18								
P4092-04	C0B18	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet
SW-846

SDG No.: BN092424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4092-04	C0B18	Water	1,4-Dioxane	0.170	J	0.031	0.2	ug/L
			Total Svoc :			0.17		
			Total Concentration:			0.17		
Client ID : C0B19								
P4092-05	C0B19	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-05	C0B19	Water	1,4-Dioxane	0.650		0.031	0.2	ug/L
			Total Svoc :			0.65		
			Total Concentration:			0.65		
Client ID : C0B28								
P4092-08	C0B28	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-08	C0B28	Water	1,4-Dioxane	0.780		0.031	0.2	ug/L
			Total Svoc :			0.78		
			Total Concentration:			0.78		
Client ID : C0B36								
P4092-09	C0B36	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-09	C0B36	Water	1,4-Dioxane	1.300		0.031	0.2	ug/L
			Total Svoc :			1.30		
			Total Concentration:			1.30		
Client ID : C0B37								
P4092-10	C0B37	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-10	C0B37	Water	1,4-Dioxane	1.000		0.031	0.2	ug/L
			Total Svoc :			1.00		
			Total Concentration:			1.00		
Client ID : C0B47								
P4092-11	C0B47	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-11	C0B47	Water	1,4-Dioxane	0.260		0.031	0.2	ug/L
			Total Svoc :			0.26		
			Total Concentration:			0.26		
Client ID : C0B53								
P4092-12	C0B53	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4092-12	C0B53	Water	1,4-Dioxane	1.400		0.031	0.2	ug/L
			Total Svoc :			1.40		



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

Hit Summary Sheet
SW-846

SDG No.: BN092424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:			1.40		



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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 19:51

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	SBLK442	5782	7.42	17259	10.18	10199	14.07
02	SBLK503	6805	7.42	20164	10.18	11873	14.07
03	C0B39	4851	7.42	13797	10.18	7470	14.07
04	C0B44	5074	7.42	14595	10.18	7765	14.07
05	C0B45	5353	7.42	16705	10.18	9956	14.07
06	C0B28	6348	7.42	18135	10.18	9879	14.07
07	C0B36	6597	7.42	21454	10.18	31023 *	14.07
08	C0B37	6878	7.42	20829	10.18	11463	14.07
09	C0B47	6851	7.42	21529	10.18	12462	14.07
10	C0B53	6785	7.42	21130	10.18	32435 *	14.07
11	C0B15	6750	7.42	20885	10.18	12398	14.07
12	SLCS473	5795	7.42	16258	10.18	8754	14.07
13	SLCS442	6259	7.42	17964	10.18	10211	14.07
14	SLCS503	6857	7.42	19320	10.18	10520	14.07
15	SBLK473	6145	7.42	18653	10.18	11437	14.07
16	SBLK442	7308	7.42	21889	10.18	12635	14.07
17	C0B16	6784	7.42	19457	10.18	10729	14.07
18	C0B17	7316	7.42	22691	10.18	21542 *	14.07
19	C0B18	7188	7.42	21353	10.18	11983	14.07
20	C0B19	6471	7.42	20980	10.18	13209	14.07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 08:30

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.						

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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4315 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BN034171.D Time Analyzed: 19:51

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	5146	7.427	14039	10.18	7033	14.07
UPPER LIMIT	10292	7.927	28078	10.679	14066	14.574
LOWER LIMIT	2573	6.927	7019.5	9.679	3516.5	13.574
EPA SAMPLE NO.						
01 SBLK442	5782	7.42	17259	10.18	10199	14.07
02 SBLK503	6805	7.42	20164	10.18	11873	14.07
03 C0B39	4851	7.42	13797	10.18	7470	14.07
04 C0B44	5074	7.42	14595	10.18	7765	14.07
05 C0B45	5353	7.42	16705	10.18	9956	14.07
06 C0B28	6348	7.42	18135	10.18	9879	14.07
07 C0B36	6597	7.42	21454	10.18	31023 *	14.07
08 C0B37	6878	7.42	20829	10.18	11463	14.07
09 C0B47	6851	7.42	21529	10.18	12462	14.07
10 C0B53	6785	7.42	21130	10.18	32435 *	14.07
11 C0B15	6750	7.42	20885	10.18	12398	14.07
12 SLCS473	5795	7.42	16258	10.18	8754	14.07
13 SLCS442	6259	7.42	17964	10.18	10211	14.07
14 SLCS503	6857	7.42	19320	10.18	10520	14.07

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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4316 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BN034186.D Time Analyzed: 05:30

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	5475	7.423	15170	10.18	7568	14.07
UPPER LIMIT	10950	7.923	30340	10.679	15136	14.574
LOWER LIMIT	2737.5	6.923	7585	9.679	3784	13.574
EPA SAMPLE NO.						
01 SBLK473	6145	7.42	18653	10.18	11437	14.07
02 SBLK442	7308	7.42	21889	10.18	12635	14.07
03 C0B16	6784	7.42	19457	10.18	10729	14.07
04 C0B17	7316	7.42	22691	10.18	21542 *	14.07
05 C0B18	7188	7.42	21353	10.18	11983	14.07
06 C0B19	6471	7.42	20980	10.18	13209	14.07

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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 19:51

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	SBLK442	20357	16.83	11118	21.05	8554	23.17
02	SBLK503	22843	16.83	12102	21.05	9795	23.17
03	C0B39	14626	16.83	9973	21.05	9131	23.17
04	C0B44	14890	16.83	10250	21.05	9298	23.17
05	C0B45	19393	16.83	10405	21.05	8218	23.17
06	C0B28	18835	16.83	13011	21.05	12563	23.17
07	C0B36	24301	16.83	14267	21.05	12173	23.17
08	C0B37	20822	16.83	14182	21.05	13303	23.17
09	C0B47	22756	16.83	13482	21.05	12182	23.16
10	C0B53	23731	16.83	14642	21.05	12910	23.16
11	C0B15	22599	16.83	13551	21.05	12149	23.17
12	SLCS473	16380	16.83	11642	21.05	11894	23.17
13	SLCS442	19187	16.83	11070	21.05	10619	23.17
14	SLCS503	19468	16.83	11821	21.05	11732	23.16
15	SBLK473	21879	16.83	11871	21.05	9508	23.17
16	SBLK442	23347	16.83	13425	21.05	12032	23.17
17	C0B16	21630	16.83	16794	21.05	15755	23.16
18	C0B17	23758	16.83	16088	21.05	14760	23.17
19	C0B18	22783	16.83	17306	21.05	16843	23.17
20	C0B19	25624	16.83	14393	21.05	12038	23.17

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 08:30

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.						

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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4315 Date Analyzed: Sep 23 2024 12:00AM

Lab File ID: BN034171.D Time Analyzed: 19:51

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	14187	16.827	8845	21.049	8687	23.168
UPPER LIMIT	28374	17.327	17690	21.549	17374	23.668
LOWER LIMIT	7093.5	16.327	4422.5	20.549	4343.5	22.668
EPA SAMPLE NO.						
01 SBLK442	20357	16.83	11118	21.05	8554	23.17
02 SBLK503	22843	16.83	12102	21.05	9795	23.17
03 C0B39	14626	16.83	9973	21.05	9131	23.17
04 C0B44	14890	16.83	10250	21.05	9298	23.17
05 C0B45	19393	16.83	10405	21.05	8218	23.17
06 C0B28	18835	16.83	13011	21.05	12563	23.17
07 C0B36	24301	16.83	14267	21.05	12173	23.17
08 C0B37	20822	16.83	14182	21.05	13303	23.17
09 C0B47	22756	16.83	13482	21.05	12182	23.16
10 C0B53	23731	16.83	14642	21.05	12910	23.16
11 C0B15	22599	16.83	13551	21.05	12149	23.17
12 SLCS473	16380	16.83	11642	21.05	11894	23.17
13 SLCS442	19187	16.83	11070	21.05	10619	23.17
14 SLCS503	19468	16.83	11821	21.05	11732	23.16

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.: BN092424 SAS No.: BN092424 SDG NO.: BN092424

EPA Sample No.: SSTD0.4316 Date Analyzed: Sep 24 2024 12:00AM

Lab File ID: BN034186.D Time Analyzed: 05:30

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	15691	16.831	11195	21.046	11757	23.165
UPPER LIMIT	31382	17.331	22390	21.546	23514	23.665
LOWER LIMIT	7845.5	16.331	5597.5	20.546	5878.5	22.665
EPA SAMPLE NO.						
01 SBLK473	21879	16.83	11871	21.05	9508	23.17
02 SBLK442	23347	16.83	13425	21.05	12032	23.17
03 C0B16	21630	16.83	16794	21.05	15755	23.16
04 C0B17	23758	16.83	16088	21.05	14760	23.17
05 C0B18	22783	16.83	17306	21.05	16843	23.17
06 C0B19	25624	16.83	14393	21.05	12038	23.17

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.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163442BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.43	ug/L	108				0	0		
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	Acenaphthylene	0.4	0.32	ug/L	80				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.4	ug/L	50				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.45	ug/L	113				0	0		
	Pyrene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163473BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.39	ug/L	98				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.29	ug/L	73				0	0		
	Acenaphthene	0.4	0.35	ug/L	88				0	0		
	Fluorene	0.4	0.33	ug/L	83				0	0		
	Pentachlorophenol	0.8	0.41	ug/L	51				0	0		
	Phenanthrene	0.4	0.34	ug/L	85				0	0		
	Anthracene	0.4	0.31	ug/L	78				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	0.3	ug/L	75				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163503BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.3	ug/L	75				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	0.26	ug/L	65				0	0		
	Acenaphthene	0.4	0.31	ug/L	78				0	0		
	Fluorene	0.4	0.3	ug/L	75				0	0		
	Pentachlorophenol	0.8	0.32	ug/L	40				0	0		
	Phenanthrene	0.4	0.3	ug/L	75				0	0		
	Anthracene	0.4	0.28	ug/L	70				0	0		
	Fluoranthene	0.4	0.35	ug/L	88				0	0		
	Pyrene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)anthracene	0.4	0.27	ug/L	68				0	0		
	Chrysene	0.4	0.32	ug/L	80				0	0		
	Benzo(b)fluoranthene	0.4	0.28	ug/L	70				0	0		
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				0	0		
	Benzo(a)pyrene	0.4	0.32	ug/L	80				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	0.4	0.28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	0.4	0.3	ug/L	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK442

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN092424

SAS No.: BN092424 SDG NO.: BN092424

Lab File ID: BN034172.D

Lab Sample ID: PB163442BL

Instrument ID: BNA_N

Date Extracted: 09/16/2024

Matrix: (soil/water) Water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 19:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B39	P3994-08	BN034174.D	09/23/2024
C0B44	P3994-09	BN034175.D	09/23/2024
C0B45	P3994-10	BN034176.D	09/23/2024
PB163442BS	PB163442BS	BN034184.D	09/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK473

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN092424

SAS No.: BN092424 SDG NO.: BN092424

Lab File ID: BN034187.D

Lab Sample ID: PB163473BL

Instrument ID: BNA_N

Date Extracted: 09/17/2024

Matrix: (soil/water) Water

Date Analyzed: 09/24/2024

Level: (low/med) LOW

Time Analyzed: 05:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B16	P4092-02	BN034189.D	09/24/2024
C0B17	P4092-03	BN034190.D	09/24/2024
C0B18	P4092-04	BN034191.D	09/24/2024
C0B19	P4092-05	BN034192.D	09/24/2024
C0B15	P4092-01	BN034182.D	09/24/2024
PB163473BS	PB163473BS	BN034183.D	09/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK503

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN092424

SAS No.: BN092424 SDG NO.: BN092424

Lab File ID: BN034173.D

Lab Sample ID: PB163503BL

Instrument ID: BNA_N

Date Extracted: 09/18/2024

Matrix: (soil/water) Water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 20:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B28	P4092-08	BN034177.D	09/23/2024
C0B36	P4092-09	BN034178.D	09/23/2024
C0B37	P4092-10	BN034179.D	09/24/2024
C0B47	P4092-11	BN034180.D	09/24/2024
C0B53	P4092-12	BN034181.D	09/24/2024
PB163503BS	PB163503BS	BN034185.D	09/24/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3994-08	C0B39	BN034174.D	1,4-Dioxane-d8	8	5.84	73		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P3994-09	C0B44	BN034175.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P3994-10	C0B45	BN034176.D	1,4-Dioxane-d8	8	5.87	73		15	120
			Fluoranthene-d10	0.4	0.54	136	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB163442BL	PB163442BL	BN034172.D	1,4-Dioxane-d8	8	6.72	84		15	120
		BN034188.D	1,4-Dioxane-d8	8	6.73	84		15	120
		BN034172.D	Fluoranthene-d10	0.4	0.39	97		30	130
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB163442BS	PB163442BS	BN034188.D	2-Methylnaphthalene-d10	0.4	0.30	74		30	130
		BN034184.D	1,4-Dioxane-d8	0.8	0.79	99		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

Surrogate Summary

SW-846

SDG No.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-01	C0B15	BN034182.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
P4092-02	C0B16	BN034189.D	1,4-Dioxane-d8	8	8.99	112		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
P4092-03	C0B17	BN034190.D	1,4-Dioxane-d8	8	7.39	92		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P4092-04	C0B18	BN034191.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P4092-05	C0B19	BN034192.D	1,4-Dioxane-d8	8	5.41	68		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
PB163473BL	PB163473BL	BN034187.D	1,4-Dioxane-d8	8	7.36	92		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
PB163473BS	PB163473BS	BN034183.D	1,4-Dioxane-d8	0.8	0.71	89		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130

Surrogate Summary

SW-846

SDG No.: BN092424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4092-08	C0B28	BN034177.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		30	130
P4092-09	C0B36	BN034178.D	1,4-Dioxane-d8	8	7.19	90		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P4092-10	C0B37	BN034179.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P4092-11	C0B47	BN034180.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4092-12	C0B53	BN034181.D	1,4-Dioxane-d8	8	7.97	100		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
PB163503BL	PB163503BL	BN034173.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB163503BS	PB163503BS	BN034185.D	1,4-Dioxane-d8	0.8	0.67	83		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN092424

Lab Code: CHEM

SAS No.: BN092424

SDG NO.: BN092424

Lab File ID: BN034170.D

DFTPP Injection Date: 09/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 18:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51.9
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	49.8
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	56.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	67.1
443	15.0 - 24.0% of mass 442	12.8 (19.1) 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
SSTD0.4315	SSTDCCC0.4	BN034171.D	09/23/2024	19:13
SBLK442	PB163442BL	BN034172.D	09/23/2024	19:51
SBLK503	PB163503BL	BN034173.D	09/23/2024	20:27
C0B39	P3994-08	BN034174.D	09/23/2024	21:04
C0B44	P3994-09	BN034175.D	09/23/2024	21:40
C0B45	P3994-10	BN034176.D	09/23/2024	22:16
C0B28	P4092-08	BN034177.D	09/23/2024	22:52
C0B36	P4092-09	BN034178.D	09/23/2024	23:28
C0B37	P4092-10	BN034179.D	09/24/2024	00:04
C0B47	P4092-11	BN034180.D	09/24/2024	00:40
C0B53	P4092-12	BN034181.D	09/24/2024	01:17
C0B15	P4092-01	BN034182.D	09/24/2024	01:53
SLCS473	PB163473BS	BN034183.D	09/24/2024	02:29
SLCS442	PB163442BS	BN034184.D	09/24/2024	03:05
SLCS503	PB163503BS	BN034185.D	09/24/2024	03:41
SSTD0.4316	SSTDCCC0.4	BN034186.D	09/24/2024	04:53
SBLK473	PB163473BL	BN034187.D	09/24/2024	05:30
SBLK442	PB163442BL	BN034188.D	09/24/2024	06:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN092424

Lab Code: CHEM

SAS No.: BN092424

SDG NO.: BN092424

Lab File ID: BN034170.D

DFTPP Injection Date: 09/23/2024

Instrument ID: BNA_N

DFTPP Injection Time: 18:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51.9
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	49.8
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	56.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	67.1
443	15.0 - 24.0% of mass 442	12.8 (19.1) 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
C0B16	P4092-02	BN034189.D	09/24/2024	06:42
C0B17	P4092-03	BN034190.D	09/24/2024	07:18
C0B18	P4092-04	BN034191.D	09/24/2024	07:54
C0B19	P4092-05	BN034192.D	09/24/2024	08:30