

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG No.: BN072524

Instrument ID: BNA_N Calibration Date/Time: 7/25/2024 17:09

Lab File ID: BN032975.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4280 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.579	0.010	0.3913	40.0
1,4-Dioxane-d8	0.506	0.531	0.010	4.9749	40.0
Naphthalene	1.027	1.006	0.600	-2.0837	30.0
1-Methylnaphthalene	0.753	0.716	0.300	-4.8655	30.0
2-Methylnaphthalene	0.696	0.645	0.300	-7.3271	30.0
Acenaphthylene	1.637	1.668	0.900	1.888	30.0
Acenaphthene	1.231	1.303	0.500	5.8505	30.0
Fluorene	1.435	1.443	0.700	0.5742	30.0
Pentachlorophenol	0.081	0.064	0.010	-20.9705	50.0
Phenanthrene	1.073	0.985	0.300	-8.2049	30.0
Anthracene	0.965	0.886	0.400	-8.1567	30.0
Fluoranthene	1.317	1.279	0.400	-2.9252	30.0
Pyrene	1.412	1.350	0.500	-4.4363	30.0
Benzo (a) anthracene	1.364	1.205	0.400	-11.6744	30.0
Chrysene	1.592	1.576	0.400	-1.0379	30.0
Benzo (b) fluoranthene	1.168	1.070	0.200	-8.4218	30.0
Benzo (k) fluoranthene	1.400	1.342	0.200	-4.1965	30.0
Benzo (a) pyrene	1.100	1.175	0.200	6.8046	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.504	0.200	-10.0751	30.0
Dibenzo (a,h) anthracene	1.325	1.212	0.200	-8.5762	30.0
Benzo (g,h,i) perylene	1.329	1.274	0.200	-4.1522	30.0
Fluoranthene-d10	1.133	1.070	0.400	-5.521	30.0
2-Methylnaphthalene-d10	0.653	0.614	0.300	-5.9742	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.: BN072524 SAS No.: BN072524 SDG No.: BN072524

Instrument ID: BNA_N Calibration Date/Time: 7/26/2024 1:00:23

Lab File ID: BN032986.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4281 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.572	0.010	-0.8909	50.0
1,4-Dioxane-d8	0.506	0.552	0.010	9.1373	50.0
Naphthalene	1.027	1.053	0.600	2.468	50.0
1-Methylnaphthalene	0.753	0.745	0.300	-1.0521	50.0
2-Methylnaphthalene	0.696	0.668	0.300	-3.9427	50.0
Acenaphthylene	1.637	1.776	0.900	8.4743	50.0
Acenaphthene	1.231	1.358	0.500	10.2904	50.0
Fluorene	1.435	1.526	0.700	6.3612	50.0
Pentachlorophenol	0.081	0.061	0.010	-24.6398	50.0
Phenanthrene	1.073	1.031	0.300	-3.8791	50.0
Anthracene	0.965	0.914	0.400	-5.2244	50.0
Fluoranthene	1.317	1.419	0.400	7.7085	50.0
Pyrene	1.412	1.485	0.500	5.1449	50.0
Benzo (a) anthracene	1.364	1.314	0.400	-3.6693	50.0
Chrysene	1.592	1.659	0.400	4.1691	50.0
Benzo (b) fluoranthene	1.168	1.215	0.200	4.012	50.0
Benzo (k) fluoranthene	1.400	1.475	0.200	5.3468	50.0
Benzo (a) pyrene	1.100	1.283	0.200	16.6286	50.0
Indeno (1,2,3-cd) pyrene	1.672	1.485	0.200	-11.2231	50.0
Dibenzo (a,h) anthracene	1.325	1.178	0.200	-11.1065	50.0
Benzo (g,h,i) perylene	1.329	1.222	0.200	-8.0506	50.0
Fluoranthene-d10	1.133	1.122	0.400	-0.9037	50.0
2-Methylnaphthalene-d10	0.653	0.597	0.300	-8.5706	50.0

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.: BN072524 SAS No.: BN072524 SDG No.: BN072524

Instrument ID: BNA_N Calibration Date/Time: 7/25/2024 1:15:57

Lab File ID: BN032973.D Init. Calib. Date(s): _____

EPA Sample No.: SICV201 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.530	0.010	-8.1237	40.0
1,4-Dioxane-d8	0.506	0.504	0.010	-0.4238	40.0
Naphthalene	1.027	1.066	0.600	3.7932	30.0
1-Methylnaphthalene	0.753	0.680	0.300	-9.6657	30.0
2-Methylnaphthalene	0.696	0.711	0.300	2.2429	30.0
Acenaphthylene	1.637	1.716	0.900	4.8231	30.0
Acenaphthene	1.231	1.240	0.500	0.7194	30.0
Fluorene	1.435	1.444	0.700	0.6497	30.0
Pentachlorophenol	0.081	0.073	0.010	-10.3905	50.0
Phenanthrene	1.073	1.083	0.300	0.9218	30.0
Anthracene	0.965	1.019	0.400	5.635	30.0
Fluoranthene	1.317	1.325	0.400	0.635	30.0
Pyrene	1.412	1.417	0.500	0.3248	30.0
Benzo (a) anthracene	1.364	1.288	0.400	-5.6169	30.0
Chrysene	1.592	1.583	0.400	-0.608	30.0
Benzo (b) fluoranthene	1.168	1.195	0.200	2.2887	30.0
Benzo (k) fluoranthene	1.400	1.371	0.200	-2.0758	30.0
Benzo (a) pyrene	1.100	1.218	0.200	10.7849	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.660	0.200	-0.7579	30.0
Dibenzo (a,h) anthracene	1.325	1.320	0.200	-0.4353	30.0
Benzo (g,h,i) perylene	1.329	1.329	0.200	0.0037	30.0
Fluoranthene-d10	1.133	1.103	0.400	-2.5822	30.0
2-Methylnaphthalene-d10	0.653	0.632	0.300	-3.1261	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD0.4280			SDG No.:	BN072524		
Lab Sample ID:	SSTDCCC0.4			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032966.D	1		7/25/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		31	0	200	ug/L
91-20-3	Naphthalene	390		11	50	100	ug/L
90-12-0	1-Methylnaphthalene	400		24	50	100	ug/L
91-57-6	2-Methylnaphthalene	410		11	50	100	ug/L
208-96-8	Acenaphthylene	410		14	50	100	ug/L
83-32-9	Acenaphthene	370		13	50	100	ug/L
86-73-7	Fluorene	400		22	50	100	ug/L
87-86-5	Pentachlorophenol	640		41	100	200	ug/L
85-01-8	Phenanthrene	390		14	50	100	ug/L
120-12-7	Anthracene	440		11	50	100	ug/L
206-44-0	Fluoranthene	360		22	50	100	ug/L
129-00-0	Pyrene	370		16	50	100	ug/L
56-55-3	Benzo(a)anthracene	410		15	50	100	ug/L
218-01-9	Chrysene	350		14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	440		4	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	390		19	50	100	ug/L
50-32-8	Benzo(a)pyrene	380		12	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	320		23	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	320		26	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	300		25	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	351	*	15-120		4388	SPK: -8
93951-69-0	Fluoranthene-d10	371	*	30-130		92750	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	413	*	30-130		103250	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2200		7.506			
1146-65-2	Naphthalene-d8	7356		10.277			
15067-26-2	Acenaphthene-d10	5640		14.165			

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SSTD0.4280	SDG No.:	BN072524
Lab Sample ID:	SSTDCCC0.4	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032966.D	1		7/25/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13217	16.932				
1719-03-5	Chrysene-d12	14841	21.153				
1520-96-3	Perylene-d12	16530	23.348				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK101	SDG No.:	BN072524
Lab Sample ID:	PB162101BL	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
BN032974.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

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	5.128		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2480		7.512			
1146-65-2	Naphthalene-d8	8727		10.273			
15067-26-2	Acenaphthene-d10	5705		14.157			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK101	SDG No.:	BN072524
Lab Sample ID:	PB162101BL	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
BN032974.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12397	16.924				
1719-03-5	Chrysene-d12	12052	21.169				
1520-96-3	Perylene-d12	11693	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BN072524
Lab Sample ID:	PB162260BL	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
BN032976.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	4.191		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.266		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		30-130		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2814		7.512			
1146-65-2	Naphthalene-d8	9658		10.273			
15067-26-2	Acenaphthene-d10	6522		14.162			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BN072524
Lab Sample ID:	PB162260BL	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
BN032976.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14853	16.924				
1719-03-5	Chrysene-d12	13442	21.169				
1520-96-3	Perylene-d12	13447	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CH2	SDG No.:	BN072524
Lab Sample ID:	P3263-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032977.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	0.43	U	0.43	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	U	0.98	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.54	U	0.54	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.96	3.8	ug/Kg
86-73-7	Fluorene	0.79	U	0.79	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	4		0.59	0.96	3.8	ug/Kg
120-12-7	Anthracene	0.6	U	0.6	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	6.4		0.79	0.96	3.8	ug/Kg
129-00-0	Pyrene	5.9		0.6	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.4	J	0.49	0.96	3.8	ug/Kg
218-01-9	Chrysene	3	J	0.49	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.5		0.24	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.7	J	0.45	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	4.2		0.42	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.4	J	1	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.3	J	1.1	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.922		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2773		7.508			
1146-65-2	Naphthalene-d8	9970		10.273			
15067-26-2	Acenaphthene-d10	6412		14.162			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CH2	SDG No.:	BN072524
Lab Sample ID:	P3263-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032977.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13845	16.924				
1719-03-5	Chrysene-d12	13529	21.154				
1520-96-3	Perylene-d12	15058	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BN072524
Lab Sample ID:	P3244-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BN032978.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.54		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	3.495		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.226		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4304		7.503			
1146-65-2	Naphthalene-d8	14071		10.268			
15067-26-2	Acenaphthene-d10	59561		14.171			

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BN072524
Lab Sample ID:	P3244-06	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
BN032978.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20145	16.92				
1719-03-5	Chrysene-d12	18859	21.143				
1520-96-3	Perylene-d12	20600	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BN072524
Lab Sample ID:	P3325-06	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
BN032979.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	6.175		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.291		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3179		7.507			
1146-65-2	Naphthalene-d8	10600		10.273			
15067-26-2	Acenaphthene-d10	7055		14.157			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	C0B34	SDG No.:	BN072524
Lab Sample ID:	P3325-06	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
BN032979.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14838	16.92				
1719-03-5	Chrysene-d12	14638	21.157				
1520-96-3	Perylene-d12	14471	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AM0	SDG No.:	BN072524
Lab Sample ID:	P3347-01	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
BN032980.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	8.9	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1.7	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	3.4	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.13		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	8.8	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	8	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	17	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	17	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	3.7	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	1.9	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.09	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.05	J	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	4.151		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.382		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3645		7.507			
1146-65-2	Naphthalene-d8	12175		10.267			
15067-26-2	Acenaphthene-d10	7884		14.157			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AM0	SDG No.:	BN072524
Lab Sample ID:	P3347-01	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
BN032980.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17524	16.92				
1719-03-5	Chrysene-d12	15996	21.148				
1520-96-3	Perylene-d12	16450	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BN072524
Lab Sample ID:	P3347-02	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
BN032981.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	120	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	31	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	45	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.9	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	78	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	45	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	J	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	58	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	25	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	11	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	6.5	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.23		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.21		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	J	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	3.447		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.387		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4813		7.508			
1146-65-2	Naphthalene-d8	16615		10.268			
15067-26-2	Acenaphthene-d10	13051		14.152			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW2	SDG No.:	BN072524
Lab Sample ID:	P3347-02	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
BN032981.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24065	16.92				
1719-03-5	Chrysene-d12	20139	21.14				
1520-96-3	Perylene-d12	20418	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5	SDG No.:	BN072524
Lab Sample ID:	P3347-03	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
BN032982.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	900	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	230	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	320	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	3.8	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	110	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	36	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	8.8	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.9		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.05	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	0.004	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	4.083		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.434		30-130		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4438		7.503			
1146-65-2	Naphthalene-d8	15481		10.284			
15067-26-2	Acenaphthene-d10	16993		14.152			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AW5	SDG No.:	BN072524
Lab Sample ID:	P3347-03	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
BN032982.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23019	16.92				
1719-03-5	Chrysene-d12	20355	21.14				
1520-96-3	Perylene-d12	20521	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	C0AW7	SDG No.:	BN072524
Lab Sample ID:	P3347-04	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
BN032983.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	0.28		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.04	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.06	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.15		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	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	0.06	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	1.2		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.05	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	0.03	J	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	4.047		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4444		7.507			
1146-65-2	Naphthalene-d8	15828		10.267			
15067-26-2	Acenaphthene-d10	9740		14.157			

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	C0AW7	SDG No.:	BN072524
Lab Sample ID:	P3347-04	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
BN032983.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21402	16.92				
1719-03-5	Chrysene-d12	19269	21.142				
1520-96-3	Perylene-d12	18899	23.325				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BN072524
Lab Sample ID:	PB162260BS	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
BN032984.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

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	0.43		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		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	0.38		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	0.39		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		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	0.36		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	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		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	0.41		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	0.36		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	0.35		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.757		15-120		95	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.387		30-130		97	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	2554	7.533				
1146-65-2	Naphthalene-d8	9856	10.306				
15067-26-2	Acenaphthene-d10	7075	14.171				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BN072524
Lab Sample ID:	PB162260BS	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
BN032984.D	1	7/24/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16781	16.945				
1719-03-5	Chrysene-d12	16104	21.154				
1520-96-3	Perylene-d12	19390	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS101	SDG No.:	BN072524
Lab Sample ID:	PB162101BS	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
BN032985.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

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	0.3		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.27		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.28		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.28		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.28		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	0.27		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.27		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.3		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.31		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.28		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.3		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.3		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.27		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.27		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.27		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.553		15-120		69	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.288		30-130		72	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	2899	7.533				
1146-65-2	Naphthalene-d8	11098	10.317				
15067-26-2	Acenaphthene-d10	8026	14.171				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS101	SDG No.:	BN072524
Lab Sample ID:	PB162101BS	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
BN032985.D	1	7/16/2024 12:00:00 AM	7/25/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18345	16.945				
1719-03-5	Chrysene-d12	17906	21.154				
1520-96-3	Perylene-d12	21722	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6574			SDG No.:	BN072524		
Lab Sample ID:	SP6574			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032987.D	1		7/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	0	200	ug/L
91-20-3	Naphthalene	11	U	11	50	100	ug/L
90-12-0	1-Methylnaphthalene	24	U	24	50	100	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	50	100	ug/L
208-96-8	Acenaphthylene	14	U	14	50	100	ug/L
83-32-9	Acenaphthene	13	U	13	50	100	ug/L
86-73-7	Fluorene	22	U	22	50	100	ug/L
87-86-5	Pentachlorophenol	41	U	41	100	200	ug/L
85-01-8	Phenanthrene	14	U	14	50	100	ug/L
120-12-7	Anthracene	11	U	11	50	100	ug/L
206-44-0	Fluoranthene	22	U	22	50	100	ug/L
129-00-0	Pyrene	16	U	16	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	50	100	ug/L
218-01-9	Chrysene	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	4	U	4	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	19	U	19	50	100	ug/L
50-32-8	Benzo(a)pyrene	12	U	12	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	23	U	23	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	26	U	26	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	25	U	25	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	12639	*	15-120		157988	SPK: -8
93951-69-0	Fluoranthene-d10	859	*	30-130		214750	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	744	*	30-130		186000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3825		7.507			
1146-65-2	Naphthalene-d8	13908		10.267			
15067-26-2	Acenaphthene-d10	9216		14.157			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6574			SDG No.:	BN072524		
Lab Sample ID:	SP6574			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032987.D	1		7/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20161	16.92				
1719-03-5	Chrysene-d12	17778	21.163				
1520-96-3	Perylene-d12	13960	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN072524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YDZF1								
P3244-06	YDZF1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3244-06	YDZF1	Water	1,4-Dioxane		0.540	0.03	0.2	ug/L
			Total Svoc :			0.54		
			Total Concentration:			0.54		
Client ID : A4CH2								
P3263-14	A4CH2	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
			Total Tics :			0.00		
P3263-14	A4CH2	Solid	Benzo(a)anthracene		3.400	J 0.49	3.8	ug/Kg
P3263-14	A4CH2	Solid	Benzo(a)pyrene		4.200	0.42	3.8	ug/Kg
P3263-14	A4CH2	Solid	Benzo(b)fluoranthene		6.500	0.24	3.8	ug/Kg
P3263-14	A4CH2	Solid	Benzo(g,h,i)perylene		3.300	J 1.1	3.8	ug/Kg
P3263-14	A4CH2	Solid	Benzo(k)fluoranthene		1.700	J 0.45	3.8	ug/Kg
P3263-14	A4CH2	Solid	Chrysene		3.000	J 0.49	3.8	ug/Kg
P3263-14	A4CH2	Solid	Fluoranthene		6.400	0.79	3.8	ug/Kg
P3263-14	A4CH2	Solid	Indeno(1,2,3-cd)pyrene		2.400	J 1	3.8	ug/Kg
P3263-14	A4CH2	Solid	Phenanthrene		4.000	0.59	3.8	ug/Kg
P3263-14	A4CH2	Solid	Pyrene		5.900	0.6	3.8	ug/Kg
			Total Svoc :			40.80		
			Total Concentration:			40.80		
Client ID : C0B34								
P3325-06	C0B34	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3325-06	C0B34	Water	1,4-Dioxane		1.800	0.031	0.2	ug/L
			Total Svoc :			1.80		
			Total Concentration:			1.80		
Client ID : C0AM0								
P3347-01	C0AM0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3347-01	C0AM0	Water	1-Methylnaphthalene		1.700	E 0.024	0.1	ug/L
P3347-01	C0AM0	Water	2-Methylnaphthalene		3.400	E 0.011	0.1	ug/L
P3347-01	C0AM0	Water	Acenaphthene		8.800	E 0.013	0.1	ug/L
P3347-01	C0AM0	Water	Acenaphthylene		0.130	0.014	0.1	ug/L
P3347-01	C0AM0	Water	Anthracene		17.000	E 0.011	0.1	ug/L
P3347-01	C0AM0	Water	Benzo(a)anthracene		0.090	J 0.015	0.1	ug/L
P3347-01	C0AM0	Water	Chrysene		0.050	J 0.014	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN072524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3347-01	C0AM0	Water	Fluoranthene	3.700	E	0.022	0.1	ug/L
P3347-01	C0AM0	Water	Fluorene	8.000	E	0.022	0.1	ug/L
P3347-01	C0AM0	Water	Naphthalene	8.900	E	0.011	0.1	ug/L
P3347-01	C0AM0	Water	Phenanthrene	17.000	E	0.014	0.1	ug/L
P3347-01	C0AM0	Water	Pyrene	1.900	E	0.016	0.1	ug/L
Total Svoc :				70.67				
Total Concentration:				70.67				
Client ID : C0AW2								
P3347-02	C0AW2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3347-02	C0AW2	Water	1-Methylnaphthalene	31.000	E	0.024	0.1	ug/L
P3347-02	C0AW2	Water	2-Methylnaphthalene	45.000	E	0.011	0.1	ug/L
P3347-02	C0AW2	Water	Acenaphthene	78.000	E	0.013	0.1	ug/L
P3347-02	C0AW2	Water	Acenaphthylene	1.900	E	0.014	0.1	ug/L
P3347-02	C0AW2	Water	Anthracene	25.000	E	0.011	0.1	ug/L
P3347-02	C0AW2	Water	Benzo(a)anthracene	0.230		0.015	0.1	ug/L
P3347-02	C0AW2	Water	Benzo(b)fluoranthene	0.060	J	0.004	0.1	ug/L
P3347-02	C0AW2	Water	Chrysene	0.210		0.014	0.1	ug/L
P3347-02	C0AW2	Water	Fluoranthene	11.000	E	0.022	0.1	ug/L
P3347-02	C0AW2	Water	Fluorene	45.000	E	0.022	0.1	ug/L
P3347-02	C0AW2	Water	Naphthalene	120.000	E	0.011	0.1	ug/L
P3347-02	C0AW2	Water	Pentachlorophenol	0.060	J	0.041	0.2	ug/L
P3347-02	C0AW2	Water	Phenanthrene	58.000	E	0.014	0.1	ug/L
P3347-02	C0AW2	Water	Pyrene	6.500	E	0.016	0.1	ug/L
Total Svoc :				421.96				
Total Concentration:				421.96				
Client ID : C0AW5								
P3347-03	C0AW5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3347-03	C0AW5	Water	1-Methylnaphthalene	230.000	E	0.024	0.1	ug/L
P3347-03	C0AW5	Water	2-Methylnaphthalene	320.000	E	0.011	0.1	ug/L
P3347-03	C0AW5	Water	Acenaphthene	110.000	E	0.013	0.1	ug/L
P3347-03	C0AW5	Water	Acenaphthylene	3.800	E	0.014	0.1	ug/L
P3347-03	C0AW5	Water	Anthracene	0.900		0.011	0.1	ug/L
P3347-03	C0AW5	Water	Fluoranthene	0.050	J	0.022	0.1	ug/L
P3347-03	C0AW5	Water	Fluorene	36.000	E	0.022	0.1	ug/L
P3347-03	C0AW5	Water	Naphthalene	900.000	E	0.011	0.1	ug/L
P3347-03	C0AW5	Water	Pentachlorophenol	1.200		0.041	0.2	ug/L
P3347-03	C0AW5	Water	Phenanthrene	8.800	E	0.014	0.1	ug/L
Total Svoc :				1,610.75				

Hit Summary Sheet SW-846

SDG No.: BN072524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	1,610.75				
Client ID : C0AW7								
P3347-04	C0AW7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3347-04	C0AW7	Water	1-Methylnaphthalene		0.030	J 0.024	0.1	ug/L
P3347-04	C0AW7	Water	2-Methylnaphthalene		0.040	J 0.011	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthene		0.150	0.013	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthylene		0.060	J 0.014	0.1	ug/L
P3347-04	C0AW7	Water	Anthracene		1.200	0.011	0.1	ug/L
P3347-04	C0AW7	Water	Benzo(a)anthracene		0.030	J 0.015	0.1	ug/L
P3347-04	C0AW7	Water	Fluoranthene		0.050	J 0.022	0.1	ug/L
P3347-04	C0AW7	Water	Fluorene		0.050	J 0.022	0.1	ug/L
P3347-04	C0AW7	Water	Naphthalene		0.280	0.011	0.1	ug/L
P3347-04	C0AW7	Water	Phenanthrene		0.060	J 0.014	0.1	ug/L
			Total Svoc :	1.95				
			Total Concentration:	1.95				
Client ID : SP6574								
SP6574	SP6574	Water	Total Alkanes	*	0.000	31	200	ug/L
			Total Tics :	0.00				
			Total Concentration:	0.00				
Client ID : SSTD0.4280								
SSTDCCC0.4	SSTD0.4280	Water	Total Alkanes	*	0.000	31	200	ug/L
			Total Tics :	0.00				
SSTDCCC0.4	SSTD0.4280	Water	1,4-Dioxane		330.000	31	200	ug/L
SSTDCCC0.4	SSTD0.4280	Water	1-Methylnaphthalene		400.000	24	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	2-Methylnaphthalene		410.000	11	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Acenaphthene		370.000	13	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Acenaphthylene		410.000	14	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Anthracene		440.000	11	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Benzo(a)anthracene		410.000	15	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Benzo(a)pyrene		380.000	12	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Benzo(b)fluoranthene		440.000	4	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Benzo(g,h,i)perylene		300.000	25	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Benzo(k)fluoranthene		390.000	19	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Chrysene		350.000	14	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Dibenzo(a,h)anthracene		320.000	26	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Fluoranthene		360.000	22	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Fluorene		400.000	22	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Indeno(1,2,3-cd)pyrene		320.000	23	100	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BN072524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC0.4	SSTD0.4280	Water	Naphthalene	390.000		11	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Pentachlorophenol	640.000		41	200	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Phenanthrene	390.000		14	100	ug/L
SSTDCCC0.4	SSTD0.4280	Water	Pyrene	370.000		16	100	ug/L
Total Svoc :						7,820.00		
Total Concentration:						7,820.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 25 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 10:22

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1674	7.528	6098	10.30	4702	14.17
UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
EPA SAMPLE NO.						
01 SSTD0.4280	2200	7.51	7356	10.28	5640	14.17
02 SICV201	2485	7.52	8931	10.30	6594	14.17
03 SBLK101	2480	7.51	8727	10.27	5705	14.16
04 SBLK260	2814	7.51	9658	10.27	6522	14.16
05 A4CH2	2773	7.51	9970	10.27	6412	14.16
06 YDZF1	4304 *	7.50	14071 *	10.27	59561 *	14.17
07 C0B34	3179	7.51	10600	10.27	7055	14.16
08 C0AM0	3645 *	7.51	12175	10.27	7884	14.16
09 C0AW2	4813 *	7.51	16615 *	10.27	13051 *	14.15
10 C0AW5	4438 *	7.50	15481 *	10.28	16993 *	14.15
11 C0AW7	4444 *	7.51	15828 *	10.27	9740 *	14.16
12 SLCS260	2554	7.53	9856	10.31	7075	14.17
13 SLCS101	2899	7.53	11098	10.32	8026	14.17
14 SP6574	3825 *	7.51	13908 *	10.27	9216	14.16

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4280 Date Analyzed: Jul 25 2024 12:00AM

Lab File ID: BN032975.D Time Analyzed: 17:45

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	1397	7.541	5167	10.32	3764	14.18
UPPER LIMIT	2794	8.041	10334	10.822	7528	14.675
LOWER LIMIT	698.5	7.041	2583.5	9.822	1882	13.675
EPA SAMPLE NO.						
01 SBLK260	2814 *	7.51	9658	10.27	6522	14.16
02 A4CH2	2773	7.51	9970	10.27	6412	14.16
03 YDZF1	4304 *	7.50	14071 *	10.27	59561 *	14.17
04 C0B34	3179 *	7.51	10600 *	10.27	7055	14.16
05 C0AM0	3645 *	7.51	12175 *	10.27	7884 *	14.16
06 C0AW2	4813 *	7.51	16615 *	10.27	13051 *	14.15
07 C0AW5	4438 *	7.50	15481 *	10.28	16993 *	14.15
08 C0AW7	4444 *	7.51	15828 *	10.27	9740 *	14.16
09 SLCS260	2554	7.53	9856	10.31	7075	14.17
10 SLCS101	2899 *	7.53	11098 *	10.32	8026 *	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.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4281 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032986.D Time Analyzed: 00:59

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	2615	7.537	9741	10.31	6764	14.17
UPPER LIMIT	5230	8.037	19482	10.812	13528	14.671
LOWER LIMIT	1307.5	7.037	4870.5	9.812	3382	13.671
EPA SAMPLE NO.						
01 SP6574	3825	7.51	13908	10.27	9216	14.16

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 25 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 10:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	10164	16.945	10640	21.16	13994	23.349
	UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
	LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
	EPA SAMPLE NO.						
01	SSTD0.4280	13217	16.93	14841	21.15	16530	23.35
02	SICV201	13963	16.94	14502	21.16	18501	23.35
03	SBLK101	12397	16.92	12052	21.17	11693	23.34
04	SBLK260	14853	16.92	13442	21.17	13447	23.34
05	A4CH2	13845	16.92	13529	21.15	15058	23.33
06	YDZF1	20145	16.92	18859	21.14	20600	23.33
07	C0B34	14838	16.92	14638	21.16	14471	23.33
08	C0AM0	17524	16.92	15996	21.15	16450	23.33
09	C0AW2	24065 *	16.92	20139	21.14	20418	23.33
10	C0AW5	23019 *	16.92	20355	21.14	20521	23.33
11	C0AW7	21402 *	16.92	19269	21.14	18899	23.33
12	SLCS260	16781	16.95	16104	21.15	19390	23.34
13	SLCS101	18345	16.95	17906	21.15	21722	23.34
14	SP6574	20161	16.92	17778	21.16	13960	23.34

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.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4280 Date Analyzed: Jul 25 2024 12:00AM

Lab File ID: BN032975.D Time Analyzed: 17:45

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	8592	16.958	9127	21.166	12043	23.355
UPPER LIMIT	17184	17.458	18254	21.666	24086	23.855
LOWER LIMIT	4296	16.458	4563.5	20.666	6021.5	22.855
EPA SAMPLE NO.						
01 SBLK260	14853	16.92	13442	21.17	13447	23.34
02 A4CH2	13845	16.92	13529	21.15	15058	23.33
03 YDZF1	20145 *	16.92	18859 *	21.14	20600	23.33
04 C0B34	14838	16.92	14638	21.16	14471	23.33
05 C0AM0	17524 *	16.92	15996	21.15	16450	23.33
06 C0AW2	24065 *	16.92	20139 *	21.14	20418	23.33
07 C0AW5	23019 *	16.92	20355 *	21.14	20521	23.33
08 C0AW7	21402 *	16.92	19269 *	21.14	18899	23.33
09 SLCS260	16781	16.95	16104	21.15	19390	23.34
10 SLCS101	18345 *	16.95	17906	21.15	21722	23.34

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.: BN072524 SAS No.: BN072524 SDG NO.: BN072524

EPA Sample No.: SSTD0.4281 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032986.D Time Analyzed: 00:59

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

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	15984	16.945	14889	21.157	18257	23.346
UPPER LIMIT	31968	17.445	29778	21.657	36514	23.846
LOWER LIMIT	7992	16.445	7444.5	20.657	9128.5	22.846
EPA SAMPLE NO.						
SP6574	20161	16.92	17778	21.16	13960	23.34

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.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV0.4	1,4-Dioxane	0.4	0	ug/L	0				0	0		
	Naphthalene	0.4	0	ug/L	0				0	0		
	1-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	2-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	Acenaphthylene	0.4	0	ug/L	0				0	0		
	Acenaphthene	0.4	0	ug/L	0				0	0		
	Fluorene	0.4	0	ug/L	0				0	0		
	Pentachlorophenol	0.4	0	ug/L	0				0	0		
	Phenanthrene	0.4	0	ug/L	0				0	0		
	Anthracene	0.4	0	ug/L	0				0	0		
	Fluoranthene	0.4	0	ug/L	0				0	0		
	Pyrene	0.4	0	ug/L	0				0	0		
	Benzo(a)anthracene	0.4	0	ug/L	0				0	0		
	Chrysene	0.4	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(a)pyrene	0.4	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	0.4	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	0.4	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162101BS	1,4-Dioxane	2	1.4	ug/L	70				0	0		
	Naphthalene	0.4	0.3	ug/L	75				0	0		
	1-Methylnaphthalene	0.4	0.27	ug/L	68				0	0		
	2-Methylnaphthalene	0.4	0.28	ug/L	70				0	0		
	Acenaphthylene	0.4	0.28	ug/L	70				0	0		
	Acenaphthene	0.4	0.3	ug/L	75				0	0		
	Fluorene	0.4	0.28	ug/L	70				0	0		
	Pentachlorophenol	0.8	0.49	ug/L	61				0	0		
	Phenanthrene	0.4	0.27	ug/L	68				0	0		
	Anthracene	0.4	0.27	ug/L	68				0	0		
	Fluoranthene	0.4	0.3	ug/L	75				0	0		
	Pyrene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)anthracene	0.4	0.28	ug/L	70				0	0		
	Chrysene	0.4	0.3	ug/L	75				0	0		
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				0	0		
	Benzo(k)fluoranthene	0.4	0.3	ug/L	75				0	0		
	Benzo(a)pyrene	0.4	0.34	ug/L	85				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.27	ug/L	68				0	0		
	Dibenzo(a,h)anthracene	0.4	0.27	ug/L	68				0	0		
	Benzo(g,h,i)perylene	0.4	0.27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162260BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.43	ug/L	108				0	0	
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.41	ug/L	103				0	0	
	Fluorene	0.4	0.39	ug/L	98				0	0	
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0	
	Phenanthrene	0.4	0.35	ug/L	88				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.39	ug/L	98				0	0	
	Pyrene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				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	0.41	ug/L	103				0	0	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD0.4280

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072524

SAS No.: BN072524 SDG NO.: BN072524

Lab File ID: BN032966.D

Lab Sample ID: SSTDCCC0.4

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 10:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD0.4280	SSTDCCC0.4	BN032966.D	07/25/2024
SP6574	SP6574	BN032987.D	07/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CH2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072524

SAS No.: BN072524 SDG NO.: BN072524

Lab File ID: BN032977.D

Lab Sample ID: P3263-14

Instrument ID: BNA_N

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 18:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CH2	P3263-14	BN032977.D	07/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK101

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072524

SAS No.: BN072524 SDG NO.: BN072524

Lab File ID: BN032974.D

Lab Sample ID: PB162101BL

Instrument ID: BNA_N

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 16:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162101BS	PB162101BS	BN032985.D	07/25/2024
YDZF1	P3244-06	BN032978.D	07/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK260

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072524

SAS No.: BN072524 SDG NO.: BN072524

Lab File ID: BN032976.D

Lab Sample ID: PB162260BL

Instrument ID: BNA_N

Date Extracted: 07/24/2024

Matrix: (soil/water) Water

Date Analyzed: 07/25/2024

Level: (low/med) LOW

Time Analyzed: 17:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B34	P3325-06	BN032979.D	07/25/2024
C0AM0	P3347-01	BN032980.D	07/25/2024
C0AW2	P3347-02	BN032981.D	07/25/2024
C0AW5	P3347-03	BN032982.D	07/25/2024
C0AW7	P3347-04	BN032983.D	07/25/2024
PB162260BS	PB162260BS	BN032984.D	07/25/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6574	SP6574	BN032987.D	1,4-Dioxane-d8	8	12,639.00	157988	*	15	120
			Fluoranthene-d10	0.4	859.00	214750	*	30	130
			2-Methylnaphthalene-d10	0.4	744.00	186000	*	30	130
SSTDCCC0.4	SSTD0.4280	BN032966.D	1,4-Dioxane-d8	8	351.00	4388	*	15	120
			Fluoranthene-d10	0.4	371.00	92750	*	30	130
			2-Methylnaphthalene-d10	0.4	413.00	103250	*	30	130

Surrogate Summary

SW-846

SDG No.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3263-14	A4CH2	BN032977.D	1,4-Dioxane-d8	8	2.92	37		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140

Surrogate Summary

SW-846

SDG No.: BN072524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3244-06	YDZF1	BN032978.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		30	130
PB162101BL	PB162101BL	BN032974.D	1,4-Dioxane-d8	8	5.13	64		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
PB162101BS	PB162101BS	BN032985.D	1,4-Dioxane-d8	0.8	0.55	69		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		30	130

Surrogate Summary

SW-846

SDG No.: **BN072524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3325-06	C0B34	BN032979.D	1,4-Dioxane-d8	8	6.18	77		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130
P3347-01	C0AM0	BN032980.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P3347-02	C0AW2	BN032981.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P3347-03	C0AW5	BN032982.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.43	108		30	130
P3347-04	C0AW7	BN032983.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB162260BL	PB162260BL	BN032976.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		30	130
PB162260BS	PB162260BS	BN032984.D	1,4-Dioxane-d8	0.8	0.76	95		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072524

Lab Code: CHEM

SAS No.: BN072524 SDG NO.: BN072524

Lab File ID: BN032965.D

DFTPP Injection Date: 07/25/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.5
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	31.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	81.1
443	15.0 - 24.0% of mass 442	15.1 (18.7) 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
SSTD0.4280	SSTDCCC0.4	BN032966.D	07/25/2024	10:22
SSTD0.1244	SSTD0.113	BN032967.D	07/25/2024	12:09
SSTD0.2245	SSTD0.214	BN032968.D	07/25/2024	12:45
SSTD0.4246	SSTD0.415	BN032969.D	07/25/2024	13:21
SSTD0.8247	SSTD0.816	BN032970.D	07/25/2024	13:58
SSTD1.6248	SSTD1.617	BN032971.D	07/25/2024	14:34
SSTD3.2249	SSTD3.218	BN032972.D	07/25/2024	15:10
SICV201	SSTDICV0.4	BN032973.D	07/25/2024	15:57
SBLK101	PB162101BL	BN032974.D	07/25/2024	16:33
SSTD0.4280	SSTDCCC0.4	BN032975.D	07/25/2024	17:09
SBLK260	PB162260BL	BN032976.D	07/25/2024	17:45
A4CH2	P3263-14	BN032977.D	07/25/2024	18:21
YDZF1	P3244-06	BN032978.D	07/25/2024	18:57
C0B34	P3325-06	BN032979.D	07/25/2024	19:33
C0AM0	P3347-01	BN032980.D	07/25/2024	20:09
C0AW2	P3347-02	BN032981.D	07/25/2024	20:45
C0AW5	P3347-03	BN032982.D	07/25/2024	21:22
C0AW7	P3347-04	BN032983.D	07/25/2024	21:58

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072524

Lab Code: CHEM

SAS No.: BN072524

SDG NO.: BN072524

Lab File ID: BN032965.D

DFTPP Injection Date: 07/25/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.5
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	31.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	81.1
443	15.0 - 24.0% of mass 442	15.1 (18.7) 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
SLCS260	PB162260BS	BN032984.D	07/25/2024	22:34
SLCS101	PB162101BS	BN032985.D	07/25/2024	23:11
SSTD0.4281	SSTDCCC0.4EC	BN032986.D	07/26/2024	00:23
SP6574	SP6574	BN032987.D	07/26/2024	00:59