

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM110424 SAS No.: BM110424 SDG No.: BM110424
 Instrument ID: BNA_M Calibration Date/Time: 11/4/2024 1:10:23
 Lab File ID: BM048421.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4070 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.616	0.010	15.5511	40.0
1,4-Dioxane-d8	0.491	0.534	0.010	8.7054	40.0
Naphthalene	1.045	1.031	0.600	-1.3772	30.0
1-Methylnaphthalene	0.663	0.647	0.300	-2.3282	30.0
2-Methylnaphthalene	0.622	0.598	0.300	-3.8938	30.0
Acenaphthylene	1.546	1.529	0.900	-1.1101	30.0
Acenaphthene	1.239	1.263	0.500	1.8875	30.0
Fluorene	1.378	1.345	0.700	-2.4091	30.0
Pentachlorophenol	0.111	0.095	0.010	-15.0601	50.0
Phenanthrene	0.994	1.002	0.300	0.7352	30.0
Anthracene	0.931	0.894	0.400	-3.9157	30.0
Fluoranthene	1.379	1.561	0.400	13.1519	30.0
Pyrene	1.480	1.687	0.500	14.0108	30.0
Benzo (a) anthracene	1.198	1.195	0.400	-0.2751	30.0
Chrysene	1.649	1.712	0.400	3.8004	30.0
Benzo (b) fluoranthene	1.367	1.281	0.200	-6.2716	30.0
Benzo (k) fluoranthene	1.618	1.603	0.200	-0.9245	30.0
Benzo (a) pyrene	1.284	1.260	0.200	-1.8083	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.640	0.200	-8.6212	30.0
Dibenzo (a,h) anthracene	1.400	1.280	0.200	-8.5575	30.0
Benzo (g,h,i) perylene	1.513	1.405	0.200	-7.118	30.0
Fluoranthene-d10	1.016	1.161	0.400	14.3008	30.0
2-Methylnaphthalene-d10	0.509	0.492	0.300	-3.404	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.: BM110424 SAS No.: BM110424 SDG No.: BM110424

Instrument ID: BNA_M Calibration Date/Time: 11/4/2024 1:16:03

Lab File ID: BM048428.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4071 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.652	0.010	22.3596	40.0
1,4-Dioxane-d8	0.491	0.552	0.010	12.3412	40.0
Naphthalene	1.045	1.029	0.600	-1.5168	30.0
1-Methylnaphthalene	0.663	0.634	0.300	-4.2974	30.0
2-Methylnaphthalene	0.622	0.574	0.300	-7.6609	30.0
Acenaphthylene	1.546	1.521	0.900	-1.6067	30.0
Acenaphthene	1.239	1.258	0.500	1.4982	30.0
Fluorene	1.378	1.353	0.700	-1.829	30.0
Pentachlorophenol	0.111	0.094	0.010	-15.3106	50.0
Phenanthrene	0.994	0.974	0.300	-2.0448	30.0
Anthracene	0.931	0.864	0.400	-7.1133	30.0
Fluoranthene	1.379	1.591	0.400	15.3534	30.0
Pyrene	1.480	1.715	0.500	15.8587	30.0
Benzo (a) anthracene	1.198	1.059	0.400	-11.6098	30.0
Chrysene	1.649	1.828	0.400	10.8847	30.0
Benzo (b) fluoranthene	1.367	1.239	0.200	-9.3666	30.0
Benzo (k) fluoranthene	1.618	1.600	0.200	-1.1457	30.0
Benzo (a) pyrene	1.284	1.254	0.200	-2.3335	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.613	0.200	-10.1547	30.0
Dibenzo (a,h) anthracene	1.400	1.244	0.200	-11.1432	30.0
Benzo (g,h,i) perylene	1.513	1.429	0.200	-5.5624	30.0
Fluoranthene-d10	1.016	1.175	0.400	15.733	30.0
2-Methylnaphthalene-d10	0.509	0.470	0.300	-7.6403	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.: BM110424 SAS No.: BM110424 SDG No.: BM110424

Instrument ID: BNA_M Calibration Date/Time: 11/5/2024 1:03:30

Lab File ID: BM048446.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4072 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.704	0.010	32.0793	40.0
1,4-Dioxane-d8	0.491	0.629	0.010	28.0502	40.0
Naphthalene	1.045	1.018	0.600	-2.5825	30.0
1-Methylnaphthalene	0.663	0.628	0.300	-5.3162	30.0
2-Methylnaphthalene	0.622	0.546	0.300	-12.2729	30.0
Acenaphthylene	1.546	1.530	0.900	-1.0557	30.0
Acenaphthene	1.239	1.263	0.500	1.9459	30.0
Fluorene	1.378	1.309	0.700	-5.0251	30.0
Pentachlorophenol	0.111	0.082	0.010	-26.061	50.0
Phenanthrene	0.994	0.951	0.300	-4.3805	30.0
Anthracene	0.931	0.841	0.400	-9.6748	30.0
Fluoranthene	1.379	1.607	0.400	16.4921	30.0
Pyrene	1.480	1.718	0.500	16.0802	30.0
Benzo (a) anthracene	1.198	1.065	0.400	-11.1445	30.0
Chrysene	1.649	1.807	0.400	9.5983	30.0
Benzo (b) fluoranthene	1.367	1.276	0.200	-6.6493	30.0
Benzo (k) fluoranthene	1.618	1.687	0.200	4.222	30.0
Benzo (a) pyrene	1.284	1.247	0.200	-2.8469	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.574	0.200	-12.3389	30.0
Dibenzo (a,h) anthracene	1.400	1.201	0.200	-14.1755	30.0
Benzo (g,h,i) perylene	1.513	1.408	0.200	-6.9355	30.0
Fluoranthene-d10	1.016	1.193	0.400	17.481	30.0
2-Methylnaphthalene-d10	0.509	0.460	0.300	-9.5455	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.: BM110424 SAS No.: BM110424 SDG No.: BM110424

Instrument ID: BNA_M Calibration Date/Time: 11/5/2024 1:07:06

Lab File ID: BM048451.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4073 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.670	0.010	25.6903	50.0
1,4-Dioxane-d8	0.491	0.606	0.010	23.3103	50.0
Naphthalene	1.045	1.017	0.600	-2.6797	50.0
1-Methylnaphthalene	0.663	0.631	0.300	-4.7447	50.0
2-Methylnaphthalene	0.622	0.565	0.300	-9.1511	50.0
Acenaphthylene	1.546	1.527	0.900	-1.2753	50.0
Acenaphthene	1.239	1.264	0.500	1.9601	50.0
Fluorene	1.378	1.320	0.700	-4.2382	50.0
Pentachlorophenol	0.111	0.078	0.010	-30.1297	50.0
Phenanthrene	0.994	0.962	0.300	-3.293	50.0
Anthracene	0.931	0.847	0.400	-9.0322	50.0
Fluoranthene	1.379	1.539	0.400	11.5526	50.0
Pyrene	1.480	1.653	0.500	11.7115	50.0
Benzo (a) anthracene	1.198	1.032	0.400	-13.8947	50.0
Chrysene	1.649	1.815	0.400	10.0512	50.0
Benzo (b) fluoranthene	1.367	1.259	0.200	-7.929	50.0
Benzo (k) fluoranthene	1.618	1.657	0.200	2.36	50.0
Benzo (a) pyrene	1.284	1.233	0.200	-3.928	50.0
Indeno (1,2,3-cd) pyrene	1.795	1.533	0.200	-14.5789	50.0
Dibenzo (a,h) anthracene	1.400	1.166	0.200	-16.6986	50.0
Benzo (g,h,i) perylene	1.513	1.376	0.200	-9.0694	50.0
Fluoranthene-d10	1.016	1.138	0.400	12.0926	50.0
2-Methylnaphthalene-d10	0.509	0.465	0.300	-8.6089	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK424	SDG No.:	BM110424
Lab Sample ID:	PB164424BL	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
BM048422.D	1	10/25/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.324		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5047		7.704			
1146-65-2	Naphthalene-d8	15498		10.484			
15067-26-2	Acenaphthene-d10	7781		14.343			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK424	SDG No.:	BM110424
Lab Sample ID:	PB164424BL	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
BM048422.D	1	10/25/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15099	17.089				
1719-03-5	Chrysene-d12	10568	21.298				
1520-96-3	Perylene-d12	6839	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H06	SDG No.:	BM110424
Lab Sample ID:	P4592-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048423.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	2.1	J	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	1.5	J	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	1.5	J	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.89	U	0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.236		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.515		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		20-140		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5337		7.704			
1146-65-2	Naphthalene-d8	16225		10.484			
15067-26-2	Acenaphthene-d10	8329		14.343			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H06	SDG No.:	BM110424
Lab Sample ID:	P4592-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048423.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16229	17.085				
1719-03-5	Chrysene-d12	11870	21.292				
1520-96-3	Perylene-d12	8837	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H51	SDG No.:	BM110424
Lab Sample ID:	P4592-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048424.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.383		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.502		30-130		125	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	5374		7.704			
1146-65-2	Naphthalene-d8	16297		10.484			
15067-26-2	Acenaphthene-d10	8412		14.344			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H51	SDG No.:	BM110424
Lab Sample ID:	P4592-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048424.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16038	17.089				
1719-03-5	Chrysene-d12	11270	21.295				
1520-96-3	Perylene-d12	7471	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS424	SDG No.:	BM110424
Lab Sample ID:	PB164424BS	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
BM048425.D	1	10/25/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.46		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.805		15-120		101	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.485		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.377		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4194	7.729				
1146-65-2	Naphthalene-d8	13287	10.518				
15067-26-2	Acenaphthene-d10	7110	14.359				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS424	SDG No.:	BM110424
Lab Sample ID:	PB164424BS	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
BM048425.D	1	10/25/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14013	17.116				
1719-03-5	Chrysene-d12	10548	21.295				
1520-96-3	Perylene-d12	10036	23.536				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS490	SDG No.:	BM110424
Lab Sample ID:	PB164490BS	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
BM048426.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.28		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.28		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.5		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.29		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.27		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.28		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.32		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.3		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.29		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.31		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.851		15-120		106	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.441		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3398	7.767				
1146-65-2	Naphthalene-d8	12239	10.535				
15067-26-2	Acenaphthene-d10	6632	14.368				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS490	SDG No.:	BM110424
Lab Sample ID:	PB164490BS	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
BM048426.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12574	17.133				
1719-03-5	Chrysene-d12	9680	21.298				
1520-96-3	Perylene-d12	9720	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS513	SDG No.:	BM110424
Lab Sample ID:	PB164513BS	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
BM048427.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.52		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.94		15-120		117	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.481		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3354	7.762				
1146-65-2	Naphthalene-d8	12035	10.53				
15067-26-2	Acenaphthene-d10	6276	14.363				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS513	SDG No.:	BM110424
Lab Sample ID:	PB164513BS	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
BM048427.D	1	10/29/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12098	17.124				
1719-03-5	Chrysene-d12	9435	21.295				
1520-96-3	Perylene-d12	9447	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK569	SDG No.:	BM110424
Lab Sample ID:	PB164569BL	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
BM048429.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.913		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.278		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5434	7.704				
1146-65-2	Naphthalene-d8	16625	10.486				
15067-26-2	Acenaphthene-d10	8424	14.345				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK569	SDG No.:	BM110424
Lab Sample ID:	PB164569BL	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
BM048429.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16487	17.086				
1719-03-5	Chrysene-d12	12061	21.298				
1520-96-3	Perylene-d12	7638	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK575	SDG No.:	BM110424
Lab Sample ID:	PB164575BL	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
BM048430.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.809		15-120		85	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4633	7.703				
1146-65-2	Naphthalene-d8	14634	10.485				
15067-26-2	Acenaphthene-d10	7391	14.345				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK575	SDG No.:	BM110424
Lab Sample ID:	PB164575BL	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
BM048430.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14426	17.086				
1719-03-5	Chrysene-d12	9999	21.3				
1520-96-3	Perylene-d12	6099	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BM110424
Lab Sample ID:	P4625-01	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
BM048431.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.04	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.06	J	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	7.1	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	1.3		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.199		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.535	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4430		7.699			
1146-65-2	Naphthalene-d8	13640		10.484			
15067-26-2	Acenaphthene-d10	7171		14.339			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BM110424
Lab Sample ID:	P4625-01	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
BM048431.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15296	17.085				
1719-03-5	Chrysene-d12	11748	21.272				
1520-96-3	Perylene-d12	9434	23.502				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA2	SDG No.:	BM110424
Lab Sample ID:	P4625-02	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
BM048432.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.08	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.457		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.534	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4618		7.703			
1146-65-2	Naphthalene-d8	14685		10.484			
15067-26-2	Acenaphthene-d10	7271		14.343			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA2	SDG No.:	BM110424
Lab Sample ID:	P4625-02	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
BM048432.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14309	17.085				
1719-03-5	Chrysene-d12	10479	21.289				
1520-96-3	Perylene-d12	7196	23.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BM110424
Lab Sample ID:	P4625-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048433.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

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	0.04	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.156		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.534	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4715		7.703			
1146-65-2	Naphthalene-d8	14561		10.484			
15067-26-2	Acenaphthene-d10	7631		14.343			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BM110424
Lab Sample ID:	P4625-04	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
BM048433.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14603	17.085				
1719-03-5	Chrysene-d12	9934	21.295				
1520-96-3	Perylene-d12	6499	23.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BM110424
Lab Sample ID:	P4625-05	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
BM048434.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.614		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.441		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4944		7.704			
1146-65-2	Naphthalene-d8	14842		10.484			
15067-26-2	Acenaphthene-d10	7567		14.343			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BM110424
Lab Sample ID:	P4625-05	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
BM048434.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14910	17.085				
1719-03-5	Chrysene-d12	11011	21.289				
1520-96-3	Perylene-d12	8489	23.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BM110424
Lab Sample ID:	P4625-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048435.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.545		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4875		7.704			
1146-65-2	Naphthalene-d8	15162		10.486			
15067-26-2	Acenaphthene-d10	7916		14.345			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BM110424
Lab Sample ID:	P4625-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048435.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14868	17.086				
1719-03-5	Chrysene-d12	10693	21.295				
1520-96-3	Perylene-d12	7113	23.507				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BM110424
Lab Sample ID:	P4625-08	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
BM048436.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	J	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.03	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.21		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.823		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.33		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4856		7.704			
1146-65-2	Naphthalene-d8	15051		10.486			
15067-26-2	Acenaphthene-d10	7743		14.34			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BM110424
Lab Sample ID:	P4625-08	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
BM048436.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15930	17.086				
1719-03-5	Chrysene-d12	12569	21.274				
1520-96-3	Perylene-d12	9657	23.501				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BM110424
Lab Sample ID:	P4625-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048437.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.8		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.976		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4742		7.704			
1146-65-2	Naphthalene-d8	15334		10.484			
15067-26-2	Acenaphthene-d10	7518		14.344			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BM110424
Lab Sample ID:	P4625-09	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
BM048437.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14969	17.085				
1719-03-5	Chrysene-d12	10940	21.289				
1520-96-3	Perylene-d12	8319	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4	SDG No.:	BM110424
Lab Sample ID:	P4625-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048438.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.07	J	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.17		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.171		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.498		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5047		7.703			
1146-65-2	Naphthalene-d8	16084		10.485			
15067-26-2	Acenaphthene-d10	8132		14.34			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB4	SDG No.:	BM110424
Lab Sample ID:	P4625-10	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
BM048438.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16662	17.086				
1719-03-5	Chrysene-d12	12387	21.274				
1520-96-3	Perylene-d12	9826	23.498				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BM110424
Lab Sample ID:	P4625-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048439.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

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	95	E	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	9.4	E	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	5.6	E	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.26		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	18	E	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	5.3	E	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.16		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.14		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.04	J	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.628		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.544	*	30-130		136	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4888		7.699			
1146-65-2	Naphthalene-d8	15784		10.48			
15067-26-2	Acenaphthene-d10	8243		14.34			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BM110424
Lab Sample ID:	P4625-11	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
BM048439.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16817	17.086				
1719-03-5	Chrysene-d12	11915	21.274				
1520-96-3	Perylene-d12	9260	23.501				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8	SDG No.:	BM110424
Lab Sample ID:	P4625-12	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
BM048440.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.251		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.262		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.175		30-130		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4322	7.704				
1146-65-2	Naphthalene-d8	13439	10.486				
15067-26-2	Acenaphthene-d10	6953	14.345				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB8	SDG No.:	BM110424
Lab Sample ID:	P4625-12	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
BM048440.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13798	17.086				
1719-03-5	Chrysene-d12	10843	21.289				
1520-96-3	Perylene-d12	8693	23.507				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS569	SDG No.:	BM110424
Lab Sample ID:	PB164569BS	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
BM048441.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.69		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.48		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.48		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.892		15-120		112	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.502		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.399		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3911	7.754				
1146-65-2	Naphthalene-d8	13404	10.523				
15067-26-2	Acenaphthene-d10	7188	14.357				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS569	SDG No.:	BM110424
Lab Sample ID:	PB164569BS	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
BM048441.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164569

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14381	17.114				
1719-03-5	Chrysene-d12	10794	21.292				
1520-96-3	Perylene-d12	10801	23.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS575	SDG No.:	BM110424
Lab Sample ID:	PB164575BS	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
BM048442.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.7		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.46		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.53		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.45		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.48		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.48		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.47		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.83		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.49		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.47		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.54		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.54		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.54		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.51		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.48		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.5		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.097	*	15-120		137	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.567	*	30-130		142	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.474		30-130		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3732	7.75				
1146-65-2	Naphthalene-d8	12853	10.517				
15067-26-2	Acenaphthene-d10	6966	14.357				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS575	SDG No.:	BM110424
Lab Sample ID:	PB164575BS	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
BM048442.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164575

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12683	17.115				
1719-03-5	Chrysene-d12	10685	21.292				
1520-96-3	Perylene-d12	10311	23.531				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC0	SDG No.:	BM110424
Lab Sample ID:	P4625-13	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
BM048443.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

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	0.38		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.08	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.1		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	0.12		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.13		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.27		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.06	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.15		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.11		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.027		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.482		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.326		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5569	7.699				
1146-65-2	Naphthalene-d8	17450	10.484				
15067-26-2	Acenaphthene-d10	9040	14.344				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC0	SDG No.:	BM110424
Lab Sample ID:	P4625-13	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
BM048443.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18275	17.085				
1719-03-5	Chrysene-d12	14138	21.281				
1520-96-3	Perylene-d12	12146	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BM110424
Lab Sample ID:	P4625-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048444.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.2		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.04	J	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.09	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.02	J	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.984		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.526	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5025		7.699			
1146-65-2	Naphthalene-d8	15753		10.484			
15067-26-2	Acenaphthene-d10	7998		14.343			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC2	SDG No.:	BM110424
Lab Sample ID:	P4625-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048444.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15152	17.085				
1719-03-5	Chrysene-d12	10650	21.295				
1520-96-3	Perylene-d12	6879	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC4	SDG No.:	BM110424
Lab Sample ID:	P4625-15	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
BM048445.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.12		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.728		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.507		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5100		7.699			
1146-65-2	Naphthalene-d8	15523		10.484			
15067-26-2	Acenaphthene-d10	7805		14.343			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC4	SDG No.:	BM110424
Lab Sample ID:	P4625-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048445.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15046	17.085				
1719-03-5	Chrysene-d12	10567	21.298				
1520-96-3	Perylene-d12	7145	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	SBLK577	SDG No.:	BM110424
Lab Sample ID:	PB164577BL	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
BM048447.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.922		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.403		30-130		101	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	5288	7.699				
1146-65-2	Naphthalene-d8	16310	10.48				
15067-26-2	Acenaphthene-d10	8073	14.34				

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	SBLK577	SDG No.:	BM110424
Lab Sample ID:	PB164577BL	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
BM048447.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15292	17.086				
1719-03-5	Chrysene-d12	11139	21.301				
1520-96-3	Perylene-d12	6604	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BM110424
Lab Sample ID:	P4625-16	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
BM048448.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	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	0.08	J	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.08	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	J	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.767		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4776		7.699			
1146-65-2	Naphthalene-d8	15022		10.48			
15067-26-2	Acenaphthene-d10	7541		14.34			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BM110424
Lab Sample ID:	P4625-16	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
BM048448.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14918	17.086				
1719-03-5	Chrysene-d12	10749	21.292				
1520-96-3	Perylene-d12	8230	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BM110424
Lab Sample ID:	P4625-17	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
BM048449.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.255		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.558	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5681	7.7				
1146-65-2	Naphthalene-d8	17647	10.479				
15067-26-2	Acenaphthene-d10	9370	14.339				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BM110424
Lab Sample ID:	P4625-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048449.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18658	17.085				
1719-03-5	Chrysene-d12	12914	21.292				
1520-96-3	Perylene-d12	9086	23.508				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	SLCS577	SDG No.:	BM110424
Lab Sample ID:	PB164577BS	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
BM048450.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.876		15-120		109	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.466		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4370	7.758				
1146-65-2	Naphthalene-d8	15098	10.523				
15067-26-2	Acenaphthene-d10	8013	14.357				

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	SLCS577	SDG No.:	BM110424
Lab Sample ID:	PB164577BS	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
BM048450.D	1	11/1/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15346	17.119				
1719-03-5	Chrysene-d12	11946	21.298				
1520-96-3	Perylene-d12	11757	23.534				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : F7H06								
P4592-06	F7H06	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
P4592-06	F7H06	Solid	Fluoranthene		1.500	J 0.21	3.9	ug/Kg
P4592-06	F7H06	Solid	Naphthalene		2.100	J 0.24	3.9	ug/Kg
P4592-06	F7H06	Solid	Phenanthrene		1.500	J 0.21	3.9	ug/Kg
			Total Svoc :			5.10		
			Total Concentration:			5.10		
Client ID : F7H51								
P4592-13	F7H51	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4592-13	F7H51	Water	Naphthalene		0.040	J 0.0043	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID : C0AA0								
P4625-01	C0AA0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4625-01	C0AA0	Water	1-Methylnaphthalene		0.040	J 0.015	0.1	ug/L
P4625-01	C0AA0	Water	Acenaphthene		7.100	E 0.0074	0.1	ug/L
P4625-01	C0AA0	Water	Acenaphthylene		0.060	J 0.012	0.1	ug/L
P4625-01	C0AA0	Water	Anthracene		0.290	0.008	0.1	ug/L
P4625-01	C0AA0	Water	Fluoranthene		0.030	J 0.0079	0.1	ug/L
P4625-01	C0AA0	Water	Fluorene		1.300	0.0067	0.1	ug/L
P4625-01	C0AA0	Water	Naphthalene		0.340	0.0043	0.1	ug/L
P4625-01	C0AA0	Water	Phenanthrene		0.050	J 0.0068	0.1	ug/L
			Total Svoc :			9.21		
			Total Concentration:			9.21		
Client ID : C0AA2								
P4625-02	C0AA2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4625-02	C0AA2	Water	Pentachlorophenol		0.080	J 0.063	0.2	ug/L
			Total Svoc :			0.08		
			Total Concentration:			0.08		
Client ID : C0AA5								
P4625-04	C0AA5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4625-04	C0AA5	Water	Naphthalene		0.040	J 0	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM110424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :				0.04		
			Total Concentration:				0.04		
Client ID : C0AA7									
P4625-05	C0AA7	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4625-05	C0AA7	Water	Fluoranthene		0.030	J	0.0079	0.1	ug/L
			Total Svoc :				0.03		
			Total Concentration:				0.03		
Client ID : C0AA9									
P4625-06	C0AA9	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				0.00		
P4625-06	C0AA9	Water	2-Methylnaphthalene		0.020	J	0.01	0.1	ug/L
P4625-06	C0AA9	Water	Phenanthrene		0.030	J	0.01	0.1	ug/L
			Total Svoc :				0.05		
			Total Concentration:				0.05		
Client ID : C0AB0									
P4625-08	C0AB0	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4625-08	C0AB0	Water	Acenaphthene		0.020	J	0.0074	0.1	ug/L
P4625-08	C0AB0	Water	Anthracene		0.210		0.008	0.1	ug/L
P4625-08	C0AB0	Water	Fluorene		0.030	J	0.0067	0.1	ug/L
P4625-08	C0AB0	Water	Naphthalene		0.020	J	0.0043	0.1	ug/L
P4625-08	C0AB0	Water	Phenanthrene		0.050	J	0.0068	0.1	ug/L
			Total Svoc :				0.33		
			Total Concentration:				0.33		
Client ID : C0AB2									
P4625-09	C0AB2	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4625-09	C0AB2	Water	Pentachlorophenol		1.800		0.063	0.2	ug/L
			Total Svoc :				1.80		
			Total Concentration:				1.80		
Client ID : C0AB4									
P4625-10	C0AB4	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				0.00		
P4625-10	C0AB4	Water	Anthracene		0.170		0.01	0.1	ug/L
P4625-10	C0AB4	Water	Pentachlorophenol		0.070	J	0.06	0.2	ug/L
			Total Svoc :				0.24		
			Total Concentration:				0.24		

Hit Summary Sheet SW-846

SDG No.: BM110424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AB6								
P4625-11	C0AB6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4625-11	C0AB6	Water	1-Methylnaphthalene		9.400 E	0.02	0.1	ug/L
P4625-11	C0AB6	Water	2-Methylnaphthalene		5.600 E	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Acenaphthene		18.000 E	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Acenaphthylene		0.260	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Anthracene		0.140	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Fluoranthene		0.040 J	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Fluorene		5.300 E	0.01	0.1	ug/L
P4625-11	C0AB6	Water	Naphthalene		95.000 E	0	0.1	ug/L
P4625-11	C0AB6	Water	Phenanthrene		0.160	0.01	0.1	ug/L
			Total Svoc :			133.90		
			Total Concentration:			133.90		
Client ID : C0AB8								
P4625-12	C0AB8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AC0								
P4625-13	C0AC0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4625-13	C0AC0	Water	1-Methylnaphthalene		0.080 J	0.02	0.1	ug/L
P4625-13	C0AC0	Water	2-Methylnaphthalene		0.100	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Acenaphthene		0.120	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Anthracene		0.060 J	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Benzo(a)anthracene		0.040 J	0	0.1	ug/L
P4625-13	C0AC0	Water	Benzo(b)fluoranthene		0.050 J	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Chrysene		0.030 J	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Fluoranthene		0.150	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Fluorene		0.130	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Naphthalene		0.380	0	0.1	ug/L
P4625-13	C0AC0	Water	Pentachlorophenol		0.270	0.06	0.2	ug/L
P4625-13	C0AC0	Water	Phenanthrene		0.310	0.01	0.1	ug/L
P4625-13	C0AC0	Water	Pyrene		0.110	0.01	0.1	ug/L
			Total Svoc :			1.83		
			Total Concentration:			1.83		
Client ID : C0AC2								
P4625-14	C0AC2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4625-14	C0AC2	Water	1-Methylnaphthalene	0.030	J	0.015	0.1	ug/L
P4625-14	C0AC2	Water	2-Methylnaphthalene	0.030	J	0.0053	0.1	ug/L
P4625-14	C0AC2	Water	Acenaphthene	0.040	J	0.0074	0.1	ug/L
P4625-14	C0AC2	Water	Anthracene	0.020	J	0.008	0.1	ug/L
P4625-14	C0AC2	Water	Fluoranthene	0.030	J	0.0079	0.1	ug/L
P4625-14	C0AC2	Water	Fluorene	0.050	J	0.0067	0.1	ug/L
P4625-14	C0AC2	Water	Naphthalene	0.200		0.0043	0.1	ug/L
P4625-14	C0AC2	Water	Phenanthrene	0.090	J	0.0068	0.1	ug/L
Total Svoc :				0.49				
Total Concentration:				0.49				
Client ID :	C0AC4							
P4625-15	C0AC4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4625-15	C0AC4	Water	Naphthalene		0.120	0.0043	0.1	ug/L
Total Svoc :				0.12				
Total Concentration:				0.12				
Client ID :	C0AC6							
P4625-16	C0AC6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P4625-16	C0AC6	Water	Benzo(a)anthracene	0.040	J	0	0.1	ug/L
P4625-16	C0AC6	Water	Benzo(b)fluoranthene	0.080	J	0.01	0.1	ug/L
P4625-16	C0AC6	Water	Benzo(g,h,i)perylene	0.040	J	0.02	0.1	ug/L
P4625-16	C0AC6	Water	Benzo(k)fluoranthene	0.030	J	0.01	0.1	ug/L
P4625-16	C0AC6	Water	Chrysene	0.040	J	0.01	0.1	ug/L
P4625-16	C0AC6	Water	Fluoranthene	0.080	J	0.01	0.1	ug/L
P4625-16	C0AC6	Water	Indeno(1,2,3-cd)pyrene	0.030	J	0.02	0.1	ug/L
P4625-16	C0AC6	Water	Phenanthrene	0.050	J	0.01	0.1	ug/L
P4625-16	C0AC6	Water	Pyrene	0.070	J	0.01	0.1	ug/L
Total Svoc :				0.46				
Total Concentration:				0.46				
Client ID :	C0AC8							
P4625-17	C0AC8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4625-17	C0AC8	Water	Naphthalene	0.040	J	0.0043	0.1	ug/L
Total Svoc :				0.04				
Total Concentration:				0.04				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG No.: BM103124
Instrument ID: _____ Calibration Date(s): 10/31/2024
Calibration Time(s): 10:55

LAB FILE ID:		RRFAL1 = BM048351.D			RRFAL2 = BM048352.D		RRFAL3 = BM048353.D	
		RRFAL4 = BM048354.D			RRFAL5 = BM048355.D		RRFAL6 = BM048356.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.501	0.639	0.548	0.492	0.485	0.533	12.0
1,4-Dioxane-d8		0.529	0.529	0.484	0.463	0.451	0.491	7.4
Naphthalene	1.120	1.070	1.038	1.010	0.989		1.045	5.0
1-Methylnaphthalene	0.687	0.700	0.654	0.642	0.631		0.663	4.4
2-Methylnaphthalene	0.661	0.626	0.608	0.608	0.608		0.622	3.7
Acenaphthylene	1.603	1.548	1.545	1.530	1.505		1.546	2.3
Acenaphthene	1.278	1.255	1.241	1.230	1.193		1.239	2.5
Fluorene	1.428	1.394	1.372	1.360	1.337		1.378	2.5
Pentachlorophenol		0.110	0.102	0.111	0.111	0.122	0.111	6.5
Phenanthrene	1.009	0.986	0.965	1.032	0.979		0.994	2.7
Anthracene	0.933	0.928	0.901	0.970	0.922		0.931	2.7
Fluoranthene	1.455	1.409	1.377	1.324	1.332		1.379	4.0
Pyrene	1.584	1.518	1.478	1.412	1.408		1.480	5.0
Benzo(a)anthracene	1.260	1.165	1.159	1.193	1.214		1.198	3.4
Chrysene	1.957	1.778	1.629	1.486	1.395		1.649	13.6
Benzo(b)fluoranthene	1.527	1.335	1.356	1.283	1.334		1.367	6.8
Benzo(k)fluoranthene	1.798	1.715	1.628	1.504	1.447		1.618	9.0
Benzo(a)pyrene	1.396	1.291	1.267	1.243	1.222		1.284	5.3
Indeno(1,2,3-cd)pyrene	1.970	1.799	1.771	1.743	1.693		1.795	5.9
Dibenzo(a,h)anthracene	1.535	1.395	1.382	1.361	1.326		1.400	5.7
Benzo(g,h,i)perylene	1.684	1.527	1.496	1.462	1.396		1.513	7.1
Fluoranthene-d10	1.042	1.039	1.022	0.984	0.991		1.016	2.7
2-Methylnaphthalene-d10	0.524	0.521	0.506	0.500	0.493		0.509	2.6

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 10:59

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3630	7.75	11544	10.53	6618	14.36
	UPPER LIMIT	7260	8.25	23088	11.03	13236	14.863
	LOWER LIMIT	1815	7.25	5772	10.03	3309	13.863
	EPA SAMPLE NO.						
01	SBLK424	5047	7.70	15498	10.48	7781	14.34
02	F7H06	5337	7.70	16225	10.48	8329	14.34
03	F7H51	5374	7.70	16297	10.48	8412	14.34
04	SLCS424	4194	7.73	13287	10.52	7110	14.36
05	SLCS490	3398	7.77	12239	10.54	6632	14.37
06	SLCS513	3354	7.76	12035	10.53	6276	14.36
07	SBLK569	5434	7.70	16625	10.49	8424	14.35
08	SBLK575	4633	7.70	14634	10.49	7391	14.35
09	C0AA0	4430	7.70	13640	10.48	7171	14.34
10	C0AA2	4618	7.70	14685	10.48	7271	14.34
11	C0AA5	4715	7.70	14561	10.48	7631	14.34
12	C0AA7	4944	7.70	14842	10.48	7567	14.34
13	C0AA9	4875	7.70	15162	10.49	7916	14.35
14	C0AB0	4856	7.70	15051	10.49	7743	14.34
15	C0AB2	4742	7.70	15334	10.48	7518	14.34
16	C0AB4	5047	7.70	16084	10.49	8132	14.34
17	C0AB6	4888	7.70	15784	10.48	8243	14.34
18	C0AB8	4322	7.70	13439	10.49	6953	14.35
19	SLCS569	3911	7.75	13404	10.52	7188	14.36
20	SLCS575	3732	7.75	12853	10.52	6966	14.36
21	C0AC0	5569	7.70	17450	10.48	9040	14.34
22	C0AC2	5025	7.70	15753	10.48	7998	14.34
23	C0AC4	5100	7.70	15523	10.48	7805	14.34

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 04:06

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3630	7.75	11544	10.53	6618	14.36
UPPER LIMIT	7260	8.25	23088	11.03	13236	14.863
LOWER LIMIT	1815	7.25	5772	10.03	3309	13.863
EPA SAMPLE NO.						
24 SBLK577	5288	7.70	16310	10.48	8073	14.34
25 C0AC6	4776	7.70	15022	10.48	7541	14.34
26 C0AC8	5681	7.70	17647	10.48	9370	14.34
27 SLCS577	4370	7.76	15098	10.52	8013	14.36

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4070 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048421.D Time Analyzed: 10:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4262	7.729	13502	10.51	7316	14.35
UPPER LIMIT	8524	8.229	27004	11.012	14632	14.853
LOWER LIMIT	2131	7.229	6751	10.012	3658	13.853
EPA SAMPLE NO.						
01 SBLK424	5047	7.70	15498	10.48	7781	14.34
02 F7H06	5337	7.70	16225	10.48	8329	14.34
03 F7H51	5374	7.70	16297	10.48	8412	14.34
04 SLCS424	4194	7.73	13287	10.52	7110	14.36
05 SLCS490	3398	7.77	12239	10.54	6632	14.37
06 SLCS513	3354	7.76	12035	10.53	6276	14.36

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4071 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048428.D Time Analyzed: 16:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3479	7.758	11283	10.52	6181	14.36
	UPPER LIMIT	6958	8.258	22566	11.024	12362	14.859
	LOWER LIMIT	1739.5	7.258	5641.5	10.024	3090.5	13.859
	EPA SAMPLE NO.						
01	SBLK569	5434	7.70	16625	10.49	8424	14.35
02	SBLK575	4633	7.70	14634	10.49	7391	14.35
03	C0AA0	4430	7.70	13640	10.48	7171	14.34
04	C0AA2	4618	7.70	14685	10.48	7271	14.34
05	C0AA5	4715	7.70	14561	10.48	7631	14.34
06	C0AA7	4944	7.70	14842	10.48	7567	14.34
07	C0AA9	4875	7.70	15162	10.49	7916	14.35
08	C0AB0	4856	7.70	15051	10.49	7743	14.34
09	C0AB2	4742	7.70	15334	10.48	7518	14.34
10	C0AB4	5047	7.70	16084	10.49	8132	14.34
11	C0AB6	4888	7.70	15784	10.48	8243	14.34
12	C0AB8	4322	7.70	13439	10.49	6953	14.35
13	SLCS569	3911	7.75	13404	10.52	7188	14.36
14	SLCS575	3732	7.75	12853	10.52	6966	14.36
15	C0AC0	5569	7.70	17450	10.48	9040	14.34
16	C0AC2	5025	7.70	15753	10.48	7998	14.34
17	C0AC4	5100	7.70	15523	10.48	7805	14.34

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4071 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048428.D Time Analyzed: 02:18

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3479	7.758	11283	10.52	6181	14.36
UPPER LIMIT	6958	8.258	22566	11.024	12362	14.859
LOWER LIMIT	1739.5	7.258	5641.5	10.024	3090.5	13.859
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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4072 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048446.D Time Analyzed: 04:06

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3669	7.758	12961	10.52	6810	14.36
UPPER LIMIT	7338	8.258	25922	11.023	13620	14.862
LOWER LIMIT	1834.5	7.258	6480.5	10.023	3405	13.862
EPA SAMPLE NO.						
01 SBLK577	5288	7.70	16310	10.48	8073	14.34
02 C0AC6	4776	7.70	15022	10.48	7541	14.34
03 C0AC8	5681	7.70	17647	10.48	9370	14.34
04 SLCS577	4370	7.76	15098	10.52	8013	14.36

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 10:59

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14044	17.12	13118	21.292	12931	23.533
	UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
	LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
	EPA SAMPLE NO.						
01	SBLK424	15099	17.09	10568	21.30	6839	23.51
02	F7H06	16229	17.09	11870	21.29	8837	23.51
03	F7H51	16038	17.09	11270	21.30	7471	23.51
04	SLCS424	14013	17.12	10548	21.30	10036	23.54
05	SLCS490	12574	17.13	9680	21.30	9720	23.54
06	SLCS513	12098	17.12	9435	21.30	9447	23.53
07	SBLK569	16487	17.09	12061	21.30	7638	23.51
08	SBLK575	14426	17.09	9999	21.30	6099 *	23.51
09	C0AA0	15296	17.09	11748	21.27	9434	23.50
10	C0AA2	14309	17.09	10479	21.29	7196	23.51
11	C0AA5	14603	17.09	9934	21.30	6499	23.51
12	C0AA7	14910	17.09	11011	21.29	8489	23.51
13	C0AA9	14868	17.09	10693	21.30	7113	23.51
14	C0AB0	15930	17.09	12569	21.27	9657	23.50
15	C0AB2	14969	17.09	10940	21.29	8319	23.51
16	C0AB4	16662	17.09	12387	21.27	9826	23.50
17	C0AB6	16817	17.09	11915	21.27	9260	23.50
18	C0AB8	13798	17.09	10843	21.29	8693	23.51
19	SLCS569	14381	17.11	10794	21.29	10801	23.53
20	SLCS575	12683	17.12	10685	21.29	10311	23.53
21	C0AC0	18275	17.09	14138	21.28	12146	23.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 01:41

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14044	17.12	13118	21.292	12931	23.533
	UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
	LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
	EPA SAMPLE NO.						
22	C0AC2	15152	17.09	10650	21.30	6879	23.51
23	C0AC4	15046	17.09	10567	21.30	7145	23.51
24	SBLK577	15292	17.09	11139	21.30	6604	23.51
25	C0AC6	14918	17.09	10749	21.29	8230	23.51
26	C0AC8	18658	17.09	12914	21.29	9086	23.51
27	SLCS577	15346	17.12	11946	21.30	11757	23.53

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4070 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048421.D Time Analyzed: 10:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	14264	17.11	11466	21.283	11551	23.525
UPPER LIMIT	28528	17.61	22932	21.783	23102	24.025
LOWER LIMIT	7132	16.61	5733	20.783	5775.5	23.025
EPA SAMPLE NO.						
01 SBLK424	15099	17.09	10568	21.30	6839	23.51
02 F7H06	16229	17.09	11870	21.29	8837	23.51
03 F7H51	16038	17.09	11270	21.30	7471	23.51
04 SLCS424	14013	17.12	10548	21.30	10036	23.54
05 SLCS490	12574	17.13	9680	21.30	9720	23.54
06 SLCS513	12098	17.12	9435	21.30	9447	23.53

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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4071 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BM048428.D Time Analyzed: 16:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	12217	17.12	9288	21.292	9588	23.53
	UPPER LIMIT	24434	17.62	18576	21.792	19176	24.03
	LOWER LIMIT	6108.5	16.62	4644	20.792	4794	23.03
	EPA SAMPLE NO.						
01	SBLK569	16487	17.09	12061	21.30	7638	23.51
02	SBLK575	14426	17.09	9999	21.30	6099	23.51
03	C0AA0	15296	17.09	11748	21.27	9434	23.50
04	C0AA2	14309	17.09	10479	21.29	7196	23.51
05	C0AA5	14603	17.09	9934	21.30	6499	23.51
06	C0AA7	14910	17.09	11011	21.29	8489	23.51
07	C0AA9	14868	17.09	10693	21.30	7113	23.51
08	C0AB0	15930	17.09	12569	21.27	9657	23.50
09	C0AB2	14969	17.09	10940	21.29	8319	23.51
10	C0AB4	16662	17.09	12387	21.27	9826	23.50
11	C0AB6	16817	17.09	11915	21.27	9260	23.50
12	C0AB8	13798	17.09	10843	21.29	8693	23.51
13	SLCS569	14381	17.11	10794	21.29	10801	23.53
14	SLCS575	12683	17.12	10685	21.29	10311	23.53
15	C0AC0	18275	17.09	14138	21.28	12146	23.51
16	C0AC2	15152	17.09	10650	21.30	6879	23.51
17	C0AC4	15046	17.09	10567	21.30	7145	23.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4071 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048428.D Time Analyzed: 02:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12217	17.12	9288	21.292	9588	23.53
UPPER LIMIT	24434	17.62	18576	21.792	19176	24.03
LOWER LIMIT	6108.5	16.62	4644	20.792	4794	23.03
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.: BM110424 SAS No.: BM110424 SDG NO.: BM110424

EPA Sample No.: SSTD0.4072 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BM048446.D Time Analyzed: 04:06

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12730	17.123	9786	21.295	10402	23.534
UPPER LIMIT	25460	17.623	19572	21.795	20804	24.034
LOWER LIMIT	6365	16.623	4893	20.795	5201	23.034
EPA SAMPLE NO.						
01 SBLK577	15292	17.09	11139	21.30	6604	23.51
02 C0AC6	14918	17.09	10749	21.29	8230	23.51
03 C0AC8	18658	17.09	12914	21.29	9086	23.51
04 SLCS577	15346	17.12	11946	21.30	11757	23.53

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.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164424BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.51	ug/L	64				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.46	ug/L	115				0	0		
	Pyrene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.44	ug/L	110				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164490BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.32	ug/L	80				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.28	ug/L	70				0	0		
	Acenaphthylene	0.4	0.31	ug/L	78				0	0		
	Acenaphthene	0.4	0.32	ug/L	80				0	0		
	Fluorene	0.4	0.28	ug/L	70				0	0		
	Pentachlorophenol	0.8	0.5	ug/L	63				0	0		
	Phenanthrene	0.4	0.29	ug/L	73				0	0		
	Anthracene	0.4	0.27	ug/L	68				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.28	ug/L	70				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.32	ug/L	80				0	0		
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)pyrene	0.4	0.34	ug/L	85				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.3	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	0.4	0.29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	0.4	0.31	ug/L	78				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164513BS	1,4-Dioxane	2	2.2	ug/L	110				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	2-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.52	ug/L	65				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.45	ug/L	113				0	0		
	Pyrene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.46	ug/L	115				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164569BS	1,4-Dioxane	2	2.2	ug/L	110				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				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	0.69	ug/L	86				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.36	ug/L	90				0	0		
	Fluoranthene	0.4	0.48	ug/L	120				0	0		
	Pyrene	0.4	0.48	ug/L	120				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.46	ug/L	115				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164575BS	1,4-Dioxane	2	2.7	ug/L	135				0	0		
	Naphthalene	0.4	0.46	ug/L	115				0	0		
	1-Methylnaphthalene	0.4	0.53	ug/L	133				0	0		
	2-Methylnaphthalene	0.4	0.45	ug/L	113				0	0		
	Acenaphthylene	0.4	0.48	ug/L	120				0	0		
	Acenaphthene	0.4	0.48	ug/L	120				0	0		
	Fluorene	0.4	0.47	ug/L	117				0	0		
	Pentachlorophenol	0.8	0.83	ug/L	104				0	0		
	Phenanthrene	0.4	0.49	ug/L	123				0	0		
	Anthracene	0.4	0.47	ug/L	117				0	0		
	Fluoranthene	0.4	0.54	ug/L	135				0	0		
	Pyrene	0.4	0.54	ug/L	135				0	0		
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0		
	Chrysene	0.4	0.54	ug/L	135				0	0		
	Benzo(b)fluoranthene	0.4	0.49	ug/L	123				0	0		
	Benzo(k)fluoranthene	0.4	0.54	ug/L	135				0	0		
	Benzo(a)pyrene	0.4	0.51	ug/L	128				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.48	ug/L	120				0	0		
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0		
	Benzo(g,h,i)perylene	0.4	0.5	ug/L	125				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164577BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				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	0.59	ug/L	74				0	0		
	Phenanthrene	0.4	0.34	ug/L	85				0	0		
	Anthracene	0.4	0.32	ug/L	80				0	0		
	Fluoranthene	0.4	0.42	ug/L	105				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.31	ug/L	78				0	0		
	Chrysene	0.4	0.44	ug/L	110				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK424

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048422.D

Lab Sample ID: PB164424BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 10:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164424BS	PB164424BS	BM048425.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS490

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048426.D

Lab Sample ID: PB164490BS

Instrument ID: BNA_M

Date Extracted: 10/28/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 14:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164490BS	PB164490BS	BM048426.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

F7H06

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048423.D

Lab Sample ID: P4592-06

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H06	P4592-06	BM048423.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS513

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048427.D

Lab Sample ID: PB164513BS

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 15:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164513BS	PB164513BS	BM048427.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

F7H51

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048424.D

Lab Sample ID: P4592-13

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 12:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H51	P4592-13	BM048424.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK569

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048429.D

Lab Sample ID: PB164569BL

Instrument ID: BNA_M

Date Extracted: 10/31/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 16:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164569BS	PB164569BS	BM048441.D	11/04/2024
C0AA0	P4625-01	BM048431.D	11/04/2024
C0AA2	P4625-02	BM048432.D	11/04/2024
C0AA5	P4625-04	BM048433.D	11/04/2024
C0AA7	P4625-05	BM048434.D	11/04/2024
C0AA9	P4625-06	BM048435.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK575

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048430.D

Lab Sample ID: PB164575BL

Instrument ID: BNA_M

Date Extracted: 10/31/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 17:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164575BS	PB164575BS	BM048442.D	11/05/2024
C0AB0	P4625-08	BM048436.D	11/04/2024
C0AB2	P4625-09	BM048437.D	11/04/2024
C0AB4	P4625-10	BM048438.D	11/04/2024
C0AB6	P4625-11	BM048439.D	11/04/2024
C0AB8	P4625-12	BM048440.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK577

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM110424

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048447.D

Lab Sample ID: PB164577BL

Instrument ID: BNA_M

Date Extracted: 11/01/2024

Matrix: (soil/water) Water

Date Analyzed: 11/05/2024

Level: (low/med) LOW

Time Analyzed: 04:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AC6	P4625-16	BM048448.D	11/05/2024
C0AC8	P4625-17	BM048449.D	11/05/2024
PB164577BS	PB164577BS	BM048450.D	11/05/2024
C0AC0	P4625-13	BM048443.D	11/05/2024
C0AC2	P4625-14	BM048444.D	11/05/2024
C0AC4	P4625-15	BM048445.D	11/05/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164424BL	PB164424BL	BM048422.D	1,4-Dioxane-d8	8	5.32	67		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB164424BS	PB164424BS	BM048425.D	1,4-Dioxane-d8	0.8	0.81	101		15	120
			Fluoranthene-d10	0.4	0.49	121		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164490BS	PB164490BS	BM048426.D	1,4-Dioxane-d8	0.8	0.85	106		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130

Surrogate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4592-06	F7H06	BM048423.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		20	140

Surrogate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164513BS	PB164513BS	BM048427.D	1,4-Dioxane-d8	0.8	0.94	117		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: BM110424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4592-13	F7H51	BM048424.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130

Surrogate Summary

SW-846

SDG No.: **BM110424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4625-01	C0AA0	BM048431.D	1,4-Dioxane-d8	8	6.20	77		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P4625-02	C0AA2	BM048432.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P4625-04	C0AA5	BM048433.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4625-05	C0AA7	BM048434.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130
P4625-06	C0AA9	BM048435.D	1,4-Dioxane-d8	8	4.55	57		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
PB164569BL	PB164569BL	BM048429.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
PB164569BS	PB164569BS	BM048441.D	1,4-Dioxane-d8	0.8	0.89	112		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

Surrogate Summary

SW-846

SDG No.: **BM110424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4625-08	C0AB0	BM048436.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4625-09	C0AB2	BM048437.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
P4625-10	C0AB4	BM048438.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P4625-11	C0AB6	BM048439.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.54	136	*	30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P4625-12	C0AB8	BM048440.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		30	130
PB164575BL	PB164575BL	BM048430.D	1,4-Dioxane-d8	8	6.81	85		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB164575BS	PB164575BS	BM048442.D	1,4-Dioxane-d8	0.8	1.10	137	*	15	120
			Fluoranthene-d10	0.4	0.57	142	*	30	130
			2-Methylnaphthalene-d10	0.4	0.47	118		30	130

Surrogate Summary

SW-846

SDG No.: **BM110424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4625-13	C0AC0	BM048443.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P4625-14	C0AC2	BM048444.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4625-15	C0AC4	BM048445.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P4625-16	C0AC6	BM048448.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
P4625-17	C0AC8	BM048449.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Fluoranthene-d10	0.4	0.56	140	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
PB164577BL	PB164577BL	BM048447.D	1,4-Dioxane-d8	8	5.92	74		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130
PB164577BS	PB164577BS	BM048450.D	1,4-Dioxane-d8	0.8	0.88	109		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM110424

Lab Code: CHEM

SAS No.: BM110424

SDG NO.: BM110424

Lab File ID: BM048420.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.9
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	6.7
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.1 (19.3) 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
SSTD0.4070	SSTDCCC0.4	BM048421.D	11/04/2024	10:23
SBLK424	PB164424BL	BM048422.D	11/04/2024	10:59
F7H06	P4592-06	BM048423.D	11/04/2024	12:20
F7H51	P4592-13	BM048424.D	11/04/2024	12:56
SLCS424	PB164424BS	BM048425.D	11/04/2024	14:09
SLCS490	PB164490BS	BM048426.D	11/04/2024	14:45
SLCS513	PB164513BS	BM048427.D	11/04/2024	15:22
SSTD0.4071	SSTDCCC0.4	BM048428.D	11/04/2024	16:03
SBLK569	PB164569BL	BM048429.D	11/04/2024	16:39
SBLK575	PB164575BL	BM048430.D	11/04/2024	17:15
C0AA0	P4625-01	BM048431.D	11/04/2024	17:51
C0AA2	P4625-02	BM048432.D	11/04/2024	18:27
C0AA5	P4625-04	BM048433.D	11/04/2024	19:03
C0AA7	P4625-05	BM048434.D	11/04/2024	19:40
C0AA9	P4625-06	BM048435.D	11/04/2024	20:16
C0AB0	P4625-08	BM048436.D	11/04/2024	20:52
C0AB2	P4625-09	BM048437.D	11/04/2024	21:28
C0AB4	P4625-10	BM048438.D	11/04/2024	22:04

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM110424

Lab Code: CHEM

SAS No.: BM110424 SDG NO.: BM110424

Lab File ID: BM048420.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.9
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	6.7
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.1 (19.3) 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
C0AB6	P4625-11	BM048439.D	11/04/2024	22:40
C0AB8	P4625-12	BM048440.D	11/04/2024	23:17
SLCS569	PB164569BS	BM048441.D	11/04/2024	23:53
SLCS575	PB164575BS	BM048442.D	11/05/2024	00:29
C0AC0	P4625-13	BM048443.D	11/05/2024	01:05
C0AC2	P4625-14	BM048444.D	11/05/2024	01:41
C0AC4	P4625-15	BM048445.D	11/05/2024	02:18
SSTD0.4072	SSTDCCC0.4	BM048446.D	11/05/2024	03:30
SBLK577	PB164577BL	BM048447.D	11/05/2024	04:06
C0AC6	P4625-16	BM048448.D	11/05/2024	04:42
C0AC8	P4625-17	BM048449.D	11/05/2024	05:18
SLCS577	PB164577BS	BM048450.D	11/05/2024	05:54
SSTD0.4073	SSTDCCC0.4EC	BM048451.D	11/05/2024	07:06