

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/23/2024 : 10:45

Lab File ID: BM049140.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4122 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.546	0.010	1.3453	40.0
1,4-Dioxane-d8	0.461	0.492	0.010	6.6529	40.0
Naphthalene	1.001	1.068	0.600	6.7108	30.0
1-Methylnaphthalene	0.650	0.686	0.300	5.6669	30.0
2-Methylnaphthalene	0.634	0.673	0.300	6.1339	30.0
Acenaphthylene	1.658	1.776	0.900	7.1432	30.0
Acenaphthene	1.210	1.313	0.500	8.5231	30.0
Fluorene	1.365	1.457	0.700	6.7597	30.0
Pentachlorophenol	0.111	0.116	0.010	5.1741	50.0
Phenanthrene	1.045	1.130	0.300	8.1169	30.0
Anthracene	0.959	1.036	0.400	8.028	30.0
Fluoranthene	1.446	1.607	0.400	11.0891	30.0
Pyrene	1.542	1.715	0.500	11.2079	30.0
Benzo (a) anthracene	1.391	1.522	0.400	9.3775	30.0
Chrysene	1.493	1.617	0.400	8.2997	30.0
Benzo (b) fluoranthene	1.278	1.400	0.200	9.5212	30.0
Benzo (k) fluoranthene	1.402	1.527	0.200	8.9185	30.0
Benzo (a) pyrene	1.226	1.360	0.200	10.9935	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.936	0.200	11.6413	30.0
Dibenzo (a,h) anthracene	1.348	1.508	0.200	11.9172	30.0
Benzo (g,h,i) perylene	1.395	1.588	0.200	13.8628	30.0
Fluoranthene-d10	1.135	1.248	0.400	9.9312	30.0
2-Methylnaphthalene-d10	0.538	0.564	0.300	4.9358	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.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/23/2024 : 21:32

Lab File ID: BM049156.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4123 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.565	0.010	4.7944	40.0
1,4-Dioxane-d8	0.461	0.534	0.010	15.8508	40.0
Naphthalene	1.001	1.102	0.600	10.0977	30.0
1-Methylnaphthalene	0.650	0.688	0.300	5.8554	30.0
2-Methylnaphthalene	0.634	0.668	0.300	5.3552	30.0
Acenaphthylene	1.658	1.751	0.900	5.6024	30.0
Acenaphthene	1.210	1.330	0.500	9.9304	30.0
Fluorene	1.365	1.469	0.700	7.5784	30.0
Pentachlorophenol	0.111	0.088	0.010	-20.2537	50.0
Phenanthrene	1.045	1.076	0.300	2.9942	30.0
Anthracene	0.959	0.975	0.400	1.6849	30.0
Fluoranthene	1.446	1.594	0.400	10.2448	30.0
Pyrene	1.542	1.681	0.500	9.0141	30.0
Benzo (a) anthracene	1.391	1.382	0.400	-0.6439	30.0
Chrysene	1.493	1.659	0.400	11.0901	30.0
Benzo (b) fluoranthene	1.278	1.369	0.200	7.1382	30.0
Benzo (k) fluoranthene	1.402	1.600	0.200	14.1048	30.0
Benzo (a) pyrene	1.226	1.346	0.200	9.8016	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.882	0.200	8.4894	30.0
Dibenzo (a,h) anthracene	1.348	1.447	0.200	7.3834	30.0
Benzo (g,h,i) perylene	1.395	1.548	0.200	10.9924	30.0
Fluoranthene-d10	1.135	1.231	0.400	8.48	30.0
2-Methylnaphthalene-d10	0.538	0.561	0.300	4.3321	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/24/2024 : 08:12

Lab File ID: BM049173.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4124 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.577	0.010	6.9907	40.0
1,4-Dioxane-d8	0.461	0.524	0.010	13.5397	40.0
Naphthalene	1.001	1.079	0.600	7.7163	30.0
1-Methylnaphthalene	0.650	0.708	0.300	8.956	30.0
2-Methylnaphthalene	0.634	0.683	0.300	7.6786	30.0
Acenaphthylene	1.658	1.726	0.900	4.1391	30.0
Acenaphthene	1.210	1.305	0.500	7.8258	30.0
Fluorene	1.365	1.474	0.700	7.989	30.0
Pentachlorophenol	0.111	0.098	0.010	-11.5742	50.0
Phenanthrene	1.045	1.115	0.300	6.7621	30.0
Anthracene	0.959	1.008	0.400	5.1343	30.0
Fluoranthene	1.446	1.644	0.400	13.6586	30.0
Pyrene	1.542	1.743	0.500	12.9899	30.0
Benzo (a) anthracene	1.391	1.420	0.400	2.054	30.0
Chrysene	1.493	1.618	0.400	8.3442	30.0
Benzo (b) fluoranthene	1.278	1.402	0.200	9.7274	30.0
Benzo (k) fluoranthene	1.402	1.587	0.200	13.1491	30.0
Benzo (a) pyrene	1.226	1.333	0.200	8.8	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.823	0.200	5.107	30.0
Dibenzo (a,h) anthracene	1.348	1.401	0.200	3.9584	30.0
Benzo (g,h,i) perylene	1.395	1.479	0.200	6.0495	30.0
Fluoranthene-d10	1.135	1.278	0.400	12.5788	30.0
2-Methylnaphthalene-d10	0.538	0.586	0.300	9.0345	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.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/24/2024 : 18:53

Lab File ID: BM049190.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4125 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.573	0.010	6.3379	40.0
1,4-Dioxane-d8	0.461	0.523	0.010	13.3779	40.0
Naphthalene	1.001	1.069	0.600	6.7958	30.0
1-Methylnaphthalene	0.650	0.701	0.300	7.8513	30.0
2-Methylnaphthalene	0.634	0.687	0.300	8.3273	30.0
Acenaphthylene	1.658	1.725	0.900	4.0225	30.0
Acenaphthene	1.210	1.292	0.500	6.8072	30.0
Fluorene	1.365	1.468	0.700	7.512	30.0
Pentachlorophenol	0.111	0.090	0.010	-18.9735	50.0
Phenanthrene	1.045	1.082	0.300	3.5621	30.0
Anthracene	0.959	0.999	0.400	4.1679	30.0
Fluoranthene	1.446	1.613	0.400	11.5362	30.0
Pyrene	1.542	1.719	0.500	11.4263	30.0
Benzo (a) anthracene	1.391	1.448	0.400	4.1034	30.0
Chrysene	1.493	1.585	0.400	6.1594	30.0
Benzo (b) fluoranthene	1.278	1.374	0.200	7.5152	30.0
Benzo (k) fluoranthene	1.402	1.548	0.200	10.4026	30.0
Benzo (a) pyrene	1.226	1.307	0.200	6.6406	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.816	0.200	4.7273	30.0
Dibenzo (a,h) anthracene	1.348	1.395	0.200	3.5256	30.0
Benzo (g,h,i) perylene	1.395	1.477	0.200	5.8757	30.0
Fluoranthene-d10	1.135	1.258	0.400	10.8851	30.0
2-Methylnaphthalene-d10	0.538	0.579	0.300	7.6599	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/25/2024 : 04:59

Lab File ID: BM049206.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4126 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.526	0.010	-2.4065	40.0
1,4-Dioxane-d8	0.461	0.476	0.010	3.1641	40.0
Naphthalene	1.001	1.072	0.600	7.072	30.0
1-Methylnaphthalene	0.650	0.714	0.300	9.9292	30.0
2-Methylnaphthalene	0.634	0.694	0.300	9.382	30.0
Acenaphthylene	1.658	1.761	0.900	6.2365	30.0
Acenaphthene	1.210	1.285	0.500	6.1918	30.0
Fluorene	1.365	1.444	0.700	5.7962	30.0
Pentachlorophenol	0.111	0.102	0.010	-7.6396	50.0
Phenanthrene	1.045	1.133	0.300	8.466	30.0
Anthracene	0.959	1.039	0.400	8.2989	30.0
Fluoranthene	1.446	1.672	0.400	15.6132	30.0
Pyrene	1.542	1.774	0.500	15.0061	30.0
Benzo (a) anthracene	1.391	1.494	0.400	7.3448	30.0
Chrysene	1.493	1.607	0.400	7.6246	30.0
Benzo (b) fluoranthene	1.278	1.405	0.200	9.9134	30.0
Benzo (k) fluoranthene	1.402	1.507	0.200	7.4711	30.0
Benzo (a) pyrene	1.226	1.327	0.200	8.3115	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.789	0.200	3.1634	30.0
Dibenzo (a,h) anthracene	1.348	1.382	0.200	2.5195	30.0
Benzo (g,h,i) perylene	1.395	1.433	0.200	2.7118	30.0
Fluoranthene-d10	1.135	1.271	0.400	11.9676	30.0
2-Methylnaphthalene-d10	0.538	0.589	0.300	9.4829	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.: BM122324 SAS No.: BM122324 SDG No.: BM122324

Instrument ID: BNA_M Calibration Date/Time: 12/25/2024 : 11:30

Lab File ID: BM049216.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4127 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.504	0.010	-6.4594	50.0
1,4-Dioxane-d8	0.461	0.465	0.010	0.8143	50.0
Naphthalene	1.001	1.033	0.600	3.1348	50.0
1-Methylnaphthalene	0.650	0.679	0.300	4.5706	50.0
2-Methylnaphthalene	0.634	0.664	0.300	4.7364	50.0
Acenaphthylene	1.658	1.686	0.900	1.7107	50.0
Acenaphthene	1.210	1.236	0.500	2.1032	50.0
Fluorene	1.365	1.386	0.700	1.5266	50.0
Pentachlorophenol	0.111	0.103	0.010	-7.2455	50.0
Phenanthrene	1.045	1.092	0.300	4.5285	50.0
Anthracene	0.959	1.000	0.400	4.2915	50.0
Fluoranthene	1.446	1.660	0.400	14.779	50.0
Pyrene	1.542	1.749	0.500	13.3907	50.0
Benzo (a) anthracene	1.391	1.494	0.400	7.3855	50.0
Chrysene	1.493	1.601	0.400	7.2124	50.0
Benzo (b) fluoranthene	1.278	1.365	0.200	6.8167	50.0
Benzo (k) fluoranthene	1.402	1.485	0.200	5.8951	50.0
Benzo (a) pyrene	1.226	1.288	0.200	5.1085	50.0
Indeno (1,2,3-cd) pyrene	1.734	1.727	0.200	-0.4079	50.0
Dibenzo (a,h) anthracene	1.348	1.328	0.200	-1.423	50.0
Benzo (g,h,i) perylene	1.395	1.394	0.200	-0.0286	50.0
Fluoranthene-d10	1.135	1.232	0.400	8.59	50.0
2-Methylnaphthalene-d10	0.538	0.562	0.300	4.5414	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK769	SDG No.:	BM122324
Lab Sample ID:	PB165769BL	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
BM049141.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

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	3.882		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		30-130		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8771		7.552			
1146-65-2	Naphthalene-d8	25083		10.314			
15067-26-2	Acenaphthene-d10	13559		14.191			

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK769	SDG No.:	BM122324
Lab Sample ID:	PB165769BL	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
BM049141.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29152	16.941				
1719-03-5	Chrysene-d12	22904	21.14				
1520-96-3	Perylene-d12	23600	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK772	SDG No.:	BM122324
Lab Sample ID:	PB165772BL	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
BM049142.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

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	5.726		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5931	7.556				
1146-65-2	Naphthalene-d8	16857	10.314				
15067-26-2	Acenaphthene-d10	8802	14.191				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK772	SDG No.:	BM122324
Lab Sample ID:	PB165772BL	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
BM049142.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19021	16.937				
1719-03-5	Chrysene-d12	14514	21.143				
1520-96-3	Perylene-d12	15588	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BM122324
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1	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
BM049143.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	5.1		0.25	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	4.6		0.66	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	5.9		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	1.3	J	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	14		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	6.6		0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	220	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	12		0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	220	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	170	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	47		0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	59		0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	60		0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40		0.66	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55		0.95	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.58		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.173		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5954		7.556			
1146-65-2	Naphthalene-d8	17487		10.314			
15067-26-2	Acenaphthene-d10	9766		14.191			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BM122324
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049143.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21110	16.937				
1719-03-5	Chrysene-d12	17767	21.137				
1520-96-3	Perylene-d12	17463	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9DL	SDG No.:	BM122324
Lab Sample ID:	P5265-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BM049144.D	2	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2	U	2.2	0	17	ug/Kg
91-20-3	Naphthalene	2.7	JD	0.5	2.1	8.3	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	JD	1.3	2.1	8.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.3	JD	0.48	2.1	8.3	ug/Kg
208-96-8	Acenaphthylene	1.7	JD	0.83	2.1	8.3	ug/Kg
83-32-9	Acenaphthene	3	JD	0.45	2.1	8.3	ug/Kg
86-73-7	Fluorene	2.3	JD	0.55	2.1	8.3	ug/Kg
87-86-5	Pentachlorophenol	5	U	5	4.2	17	ug/Kg
85-01-8	Phenanthrene	32	D	0.45	2.1	8.3	ug/Kg
120-12-7	Anthracene	7.5	JD	0.43	2.1	8.3	ug/Kg
206-44-0	Fluoranthene	70	D	0.45	2.1	8.3	ug/Kg
129-00-0	Pyrene	58	D	0.6	2.1	8.3	ug/Kg
56-55-3	Benzo(a)anthracene	31	D	0.23	2.1	8.3	ug/Kg
218-01-9	Chrysene	31	D	0.63	2.1	8.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	D	1.2	2.1	8.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	D	0.8	2.1	8.3	ug/Kg
50-32-8	Benzo(a)pyrene	34	D	0.8	2.1	8.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19	D	1.3	2.1	8.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5	JD	1.2	2.1	8.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	D	1.9	2.1	8.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.454		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.18		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.246		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5751		7.556			
1146-65-2	Naphthalene-d8	17036		10.315			
15067-26-2	Acenaphthene-d10	9520		14.192			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9DL	SDG No.:	BM122324
Lab Sample ID:	P5265-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BM049144.D	2	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20590	16.939				
1719-03-5	Chrysene-d12	16998	21.14				
1520-96-3	Perylene-d12	16995	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6DL	SDG No.:	BM122324
Lab Sample ID:	P5226-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM049145.D	5	12/16/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	U	3.1	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	14	JD	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.1	41	ug/Kg
85-01-8	Phenanthrene	30	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	5.9	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	82	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	65	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	32	D	0.56	5	20	ug/Kg
218-01-9	Chrysene	31	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	D	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	JD	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	34	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20	D	3.1	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.4	JD	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24	D	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.475		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6884		7.556			
1146-65-2	Naphthalene-d8	20107		10.315			
15067-26-2	Acenaphthene-d10	11534		14.192			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6DL	SDG No.:	BM122324
Lab Sample ID:	P5226-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049145.D	5	12/16/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24019	16.939				
1719-03-5	Chrysene-d12	20156	21.143				
1520-96-3	Perylene-d12	20466	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5DL	SDG No.:	BM122324
Lab Sample ID:	P5226-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
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
BM049146.D	5	12/16/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	40	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	U	3.1	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	5	20	ug/Kg
208-96-8	Acenaphthylene	89	D	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.1	40	ug/Kg
85-01-8	Phenanthrene	6.8	JD	1.1	5	20	ug/Kg
120-12-7	Anthracene	17	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	63	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	60	D	1.4	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	80	D	0.56	5	20	ug/Kg
218-01-9	Chrysene	74	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	D	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	D	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85	D	3.1	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	D	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16	JD	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.25		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6653		7.556			
1146-65-2	Naphthalene-d8	19411		10.315			
15067-26-2	Acenaphthene-d10	11211		14.192			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5DL	SDG No.:	BM122324
Lab Sample ID:	P5226-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
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
BM049146.D	5	12/16/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23440	16.939				
1719-03-5	Chrysene-d12	19829	21.14				
1520-96-3	Perylene-d12	20012	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2	SDG No.:	BM122324
Lab Sample ID:	P5305-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BM049147.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

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	0.01	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	4.448		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5728		7.556			
1146-65-2	Naphthalene-d8	16852		10.315			
15067-26-2	Acenaphthene-d10	9298		14.192			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2	SDG No.:	BM122324
Lab Sample ID:	P5305-06	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
BM049147.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20433	16.939				
1719-03-5	Chrysene-d12	15421	21.146				
1520-96-3	Perylene-d12	15298	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4	SDG No.:	BM122324
Lab Sample ID:	P5305-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BM049148.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

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	0.01	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	5.109		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.404		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5845		7.552			
1146-65-2	Naphthalene-d8	17257		10.314			
15067-26-2	Acenaphthene-d10	9506		14.191			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4	SDG No.:	BM122324
Lab Sample ID:	P5305-08	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
BM049148.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20740	16.937				
1719-03-5	Chrysene-d12	15746	21.143				
1520-96-3	Perylene-d12	16389	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PK9	SDG No.:	BM122324
Lab Sample ID:	P5348-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049149.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

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	5.54		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.471		30-130		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4567		7.552			
1146-65-2	Naphthalene-d8	13641		10.315			
15067-26-2	Acenaphthene-d10	7606		14.187			

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PK9	SDG No.:	BM122324
Lab Sample ID:	P5348-05	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
BM049149.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16460	16.939				
1719-03-5	Chrysene-d12	12883	21.14				
1520-96-3	Perylene-d12	12121	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PL1	SDG No.:	BM122324
Lab Sample ID:	P5348-06	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
BM049150.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

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	0.01	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	5.236		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.482		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.424		30-130		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4470		7.552			
1146-65-2	Naphthalene-d8	13290		10.315			
15067-26-2	Acenaphthene-d10	7376		14.192			

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PL1	SDG No.:	BM122324
Lab Sample ID:	P5348-06	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
BM049150.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16019	16.938				
1719-03-5	Chrysene-d12	12156	21.143				
1520-96-3	Perylene-d12	11718	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS	SDG No.:	BM122324
Lab Sample ID:	P5305-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049151.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.91		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.3		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		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	0.34		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	0.39		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	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		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	0.38		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	0.354		15-120		44	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.432		30-130		108	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	4870	7.556				
1146-65-2	Naphthalene-d8	13825	10.321				
15067-26-2	Acenaphthene-d10	7924	14.192				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS	SDG No.:	BM122324
Lab Sample ID:	P5305-09MS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049151.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16217	16.939				
1719-03-5	Chrysene-d12	13623	21.14				
1520-96-3	Perylene-d12	15052	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD	SDG No.:	BM122324
Lab Sample ID:	P5305-10MSD	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
BM049152.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.88		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.3		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.29		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.29		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.28		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.347		15-120		43	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.407		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.306		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4928		7.556			
1146-65-2	Naphthalene-d8	13881		10.32			
15067-26-2	Acenaphthene-d10	7933		14.192			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD	SDG No.:	BM122324
Lab Sample ID:	P5305-10MSD	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
BM049152.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16290	16.938				
1719-03-5	Chrysene-d12	13942	21.14				
1520-96-3	Perylene-d12	15804	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2927	SDG No.:	BM122324
Lab Sample ID:	P5353-01	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
BM049153.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

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	0.0074	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	6.154		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.52		30-130		130	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.437		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3818		7.552			
1146-65-2	Naphthalene-d8	11047		10.314			
15067-26-2	Acenaphthene-d10	6060		14.191			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2927	SDG No.:	BM122324
Lab Sample ID:	P5353-01	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
BM049153.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12955	16.937				
1719-03-5	Chrysene-d12	10140	21.143				
1520-96-3	Perylene-d12	10071	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS813	SDG No.:	BM122324
Lab Sample ID:	PB165813BS	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
BM049154.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.74		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.39		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		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	0.41		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		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	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.834		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.433		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.42		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3652	7.556				
1146-65-2	Naphthalene-d8	10149	10.321				
15067-26-2	Acenaphthene-d10	5688	14.192				

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS813	SDG No.:	BM122324
Lab Sample ID:	PB165813BS	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
BM049154.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11368	16.939				
1719-03-5	Chrysene-d12	10015	21.143				
1520-96-3	Perylene-d12	11505	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS769	SDG No.:	BM122324
Lab Sample ID:	PB165769BS	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
BM049155.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.55		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.54		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.54		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.54		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.55		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.55		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.95		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.56		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.55		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.58		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.57		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.55		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.6		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.6		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.64		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.61		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.62		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.61		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.63		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.02	*	15-120		127	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.613	*	30-130		153	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.588	*	30-130		147	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3931		7.556			
1146-65-2	Naphthalene-d8	10971		10.319			
15067-26-2	Acenaphthene-d10	6121		14.191			

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS769	SDG No.:	BM122324
Lab Sample ID:	PB165769BS	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
BM049155.D	1	12/18/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12500	16.941				
1719-03-5	Chrysene-d12	10762	21.14				
1520-96-3	Perylene-d12	12133	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK780	SDG No.:	BM122324
Lab Sample ID:	PB165780BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049157.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.71		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.244		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4749		7.552			
1146-65-2	Naphthalene-d8	13239		10.315			
15067-26-2	Acenaphthene-d10	7131		14.187			

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK780	SDG No.:	BM122324
Lab Sample ID:	PB165780BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049157.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15657	16.939				
1719-03-5	Chrysene-d12	12795	21.143				
1520-96-3	Perylene-d12	12392	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK813	SDG No.:	BM122324
Lab Sample ID:	PB165813BL	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
BM049158.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

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	6.698		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	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	3632	7.552				
1146-65-2	Naphthalene-d8	10154	10.314				
15067-26-2	Acenaphthene-d10	5482	14.191				

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK813	SDG No.:	BM122324
Lab Sample ID:	PB165813BL	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
BM049158.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12068	16.937				
1719-03-5	Chrysene-d12	9840	21.143				
1520-96-3	Perylene-d12	10102	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2904	SDG No.:	BM122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.2
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
BM049159.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	2.1	J	0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	0.61	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	J	0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	12		0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	2.4	J	0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	12		0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	10		0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	4.5		0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	6.2		0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.9		0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.6	J	0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	6		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.9		0.61	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	J	0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7		0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.598		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.212		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5884		7.552			
1146-65-2	Naphthalene-d8	17174		10.314			
15067-26-2	Acenaphthene-d10	9509		14.187			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2904	SDG No.:	BM122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.2
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
BM049159.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21727	16.938				
1719-03-5	Chrysene-d12	19800	21.138				
1520-96-3	Perylene-d12	20229	23.292				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2905	SDG No.:	BM122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
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
BM049160.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7.9	ug/Kg
91-20-3	Naphthalene	1.6	J	0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	J	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	J	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	1.2	J	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	1.2	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	13		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	3.3	J	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	18		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	15		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	7.6		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	7.8		0.3	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.3		0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	8.7		0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.2		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	J	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.7		0.89	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.271		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.179		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6133		7.552			
1146-65-2	Naphthalene-d8	18393		10.314			
15067-26-2	Acenaphthene-d10	10147		14.186			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2905	SDG No.:	BM122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
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
BM049160.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22200	16.937				
1719-03-5	Chrysene-d12	19704	21.14				
1520-96-3	Perylene-d12	19797	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BM122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
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
BM049161.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.88	J	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	2.4	J	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	2.5	J	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	2.2	J	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	J	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.617		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.338		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		20-140		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6097		7.552			
1146-65-2	Naphthalene-d8	18592		10.309			
15067-26-2	Acenaphthene-d10	10837		14.187			

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BM122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
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
BM049161.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24195	16.938				
1719-03-5	Chrysene-d12	20208	21.14				
1520-96-3	Perylene-d12	19201	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR7	SDG No.:	BM122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BM049162.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.88	U	0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.528		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.219		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4859		7.552			
1146-65-2	Naphthalene-d8	14401		10.315			
15067-26-2	Acenaphthene-d10	7996		14.187			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR7	SDG No.:	BM122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049162.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17429	16.938				
1719-03-5	Chrysene-d12	15028	21.14				
1520-96-3	Perylene-d12	14746	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR8	SDG No.:	BM122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049163.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.86	U	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.881		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.224		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5601		7.552			
1146-65-2	Naphthalene-d8	16423		10.314			
15067-26-2	Acenaphthene-d10	9103		14.186			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR8	SDG No.:	BM122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049163.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20048	16.937				
1719-03-5	Chrysene-d12	17333	21.14				
1520-96-3	Perylene-d12	16633	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR9	SDG No.:	BM122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM049164.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.53	U	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.58	U	0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.84	U	0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.627		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.194		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5476	7.552				
1146-65-2	Naphthalene-d8	16268	10.31				
15067-26-2	Acenaphthene-d10	9153	14.188				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR9	SDG No.:	BM122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BM049164.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20359	16.939				
1719-03-5	Chrysene-d12	18446	21.14				
1520-96-3	Perylene-d12	18361	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS1	SDG No.:	BM122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.6
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
BM049165.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.93	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.53	U	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.67		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.189		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5232		7.552			
1146-65-2	Naphthalene-d8	15811		10.31			
15067-26-2	Acenaphthene-d10	8711		14.188			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS1	SDG No.:	BM122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.6
Sample Wt/Vol:	30	Units:	g
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
BM049165.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19045	16.939				
1719-03-5	Chrysene-d12	15723	21.14				
1520-96-3	Perylene-d12	14919	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AN7	SDG No.:	BM122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049166.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	3.3	J	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	8.4		0.22	1	4	ug/Kg
129-00-0	Pyrene	6.7		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	3.1	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	3.8	J	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.2		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.2	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	4.3		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.7	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.5	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.855		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.161		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.166		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5150		7.552			
1146-65-2	Naphthalene-d8	15353		10.31			
15067-26-2	Acenaphthene-d10	8413		14.187			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AN7	SDG No.:	BM122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049166.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18357	16.934				
1719-03-5	Chrysene-d12	15968	21.14				
1520-96-3	Perylene-d12	15452	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AP8	SDG No.:	BM122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049167.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

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	0.24	U	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	2.7	J	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	3.9		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	10		0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	7.8		0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	3.7	J	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	4.5		0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.5		0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.7	J	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	5.1		0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.2	J	0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.91	J	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.1		0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.455		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		20-140		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5518		7.552			
1146-65-2	Naphthalene-d8	16467		10.31			
15067-26-2	Acenaphthene-d10	9155		14.187			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AP8	SDG No.:	BM122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049167.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20400	16.934				
1719-03-5	Chrysene-d12	18408	21.14				
1520-96-3	Perylene-d12	18041	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2914	SDG No.:	BM122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
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
BM049168.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	29		0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	17		0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	41		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	3.8	J	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	4.5		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	3.5	J	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	64		0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	9.5		0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	87	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	69	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	69	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	81	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	46		0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	61		0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47		0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.3		0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.879		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.14		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.178		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6165		7.552			
1146-65-2	Naphthalene-d8	18798		10.314			
15067-26-2	Acenaphthene-d10	10681		14.186			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2914	SDG No.:	BM122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
Sample Wt/Vol:	30	Units:	g
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
BM049168.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24349	16.937				
1719-03-5	Chrysene-d12	22296	21.137				
1520-96-3	Perylene-d12	25076	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BM122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM049169.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96	U	0.96	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.19	U	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	0.19	U	0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.56	U	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.81	U	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.907		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.167		30-130		42	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.181		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6106		7.552			
1146-65-2	Naphthalene-d8	18431		10.314			
15067-26-2	Acenaphthene-d10	10536		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BM122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
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
BM049169.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23131	16.937				
1719-03-5	Chrysene-d12	20024	21.14				
1520-96-3	Perylene-d12	19166	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR0	SDG No.:	BM122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049170.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.65	U	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.41	U	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.1	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.65	U	0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.93	U	0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.163		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.193		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7155		7.552			
1146-65-2	Naphthalene-d8	21829		10.31			
15067-26-2	Acenaphthene-d10	12060		14.188			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR0	SDG No.:	BM122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049170.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26836	16.934				
1719-03-5	Chrysene-d12	23025	21.14				
1520-96-3	Perylene-d12	22230	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BM122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6
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
BM049171.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.95	U	0.95	0	7.1	ug/Kg
91-20-3	Naphthalene	0.21	U	0.21	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.55	U	0.55	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	0.35	U	0.35	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.88	3.5	ug/Kg
86-73-7	Fluorene	0.23	U	0.23	0.88	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	2.3	J	0.19	0.88	3.5	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.88	3.5	ug/Kg
206-44-0	Fluoranthene	6		0.19	0.88	3.5	ug/Kg
129-00-0	Pyrene	4.6		0.26	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	2.4	J	0.1	0.88	3.5	ug/Kg
218-01-9	Chrysene	2.9	J	0.27	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	5		0.5	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.6	J	0.34	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	2.9	J	0.34	0.88	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.8	J	0.55	0.88	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.5	U	0.5	0.88	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.4	J	0.8	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.302		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5974		7.552			
1146-65-2	Naphthalene-d8	17958		10.314			
15067-26-2	Acenaphthene-d10	9908		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BM122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6
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
BM049171.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22045	16.937				
1719-03-5	Chrysene-d12	19361	21.14				
1520-96-3	Perylene-d12	18873	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.95	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS772	SDG No.:	BM122324
Lab Sample ID:	PB165772BS	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
BM049172.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.55		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.55		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.55		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.53		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.55		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.55		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.56		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.55		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.6		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.59		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.57		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.59		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.61		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.63		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.59		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.57		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.57		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.58		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.952		15-120		119	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.632	*	30-130		158	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.597	*	30-130		149	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5593		7.552			
1146-65-2	Naphthalene-d8	16523		10.314			
15067-26-2	Acenaphthene-d10	9752		14.186			

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS772	SDG No.:	BM122324
Lab Sample ID:	PB165772BS	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
BM049172.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20376	16.937				
1719-03-5	Chrysene-d12	16609	21.14				
1520-96-3	Perylene-d12	17078	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049174.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.622		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.251		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.238		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4956	7.552				
1146-65-2	Naphthalene-d8	14435	10.31				
15067-26-2	Acenaphthene-d10	7825	14.187				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049174.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17142	16.939				
1719-03-5	Chrysene-d12	13662	21.14				
1520-96-3	Perylene-d12	13283	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK769	SDG No.:	BM122324
Lab Sample ID:	PB165769BL	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
BM049175.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

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	3.736		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.189		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		30-130		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9540	7.548				
1146-65-2	Naphthalene-d8	27510	10.308				
15067-26-2	Acenaphthene-d10	15319	14.186				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK769	SDG No.:	BM122324
Lab Sample ID:	PB165769BL	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
BM049175.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	35029	16.933				
1719-03-5	Chrysene-d12	28508	21.14				
1520-96-3	Perylene-d12	29363	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BM122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BM049176.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	1.1	J	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	2.8	J	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	2.1	J	0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	1.6	J	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	3	J	0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	1	J	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	J	0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	J	0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	J	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.005		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.313		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5095		7.552			
1146-65-2	Naphthalene-d8	15064		10.308			
15067-26-2	Acenaphthene-d10	8376		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BM122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049176.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19313	16.933				
1719-03-5	Chrysene-d12	17376	21.137				
1520-96-3	Perylene-d12	16450	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BM122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BM049177.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		1	0	7.5	ug/Kg
91-20-3	Naphthalene	13		0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	11		0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	11		0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	12		0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	22		2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	13		0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	12		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	14		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	14		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	12		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.518		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.336		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5519		7.552			
1146-65-2	Naphthalene-d8	16319		10.315			
15067-26-2	Acenaphthene-d10	9344		14.188			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BM122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.01 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
BM049177.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20322	16.934				
1719-03-5	Chrysene-d12	18855	21.137				
1520-96-3	Perylene-d12	19615	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BM122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.08 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
BM049178.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	51		1	0	7.5	ug/Kg
91-20-3	Naphthalene	16		0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	13		0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	13		0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	14		0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	27		2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	16		0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	14		0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	17		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	17		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	15		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	16		0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.53	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.611		15-120		76	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.393		20-140		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4875	7.552				
1146-65-2	Naphthalene-d8	14814	10.31				
15067-26-2	Acenaphthene-d10	8425	14.188				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BM122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11
Sample Wt/Vol:	30.08 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
BM049178.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18368	16.939				
1719-03-5	Chrysene-d12	17091	21.137				
1520-96-3	Perylene-d12	17858	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BM122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049179.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	26		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	15		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	21		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	5.4		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	45		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	36		0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	590	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	46		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	650	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	450	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	230	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	E	0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	190	E	0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	E	0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.361		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		20-140		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6770		7.548			
1146-65-2	Naphthalene-d8	20325		10.308			
15067-26-2	Acenaphthene-d10	11356		14.186			

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BM122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049179.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26620	16.933				
1719-03-5	Chrysene-d12	22162	21.134				
1520-96-3	Perylene-d12	21779	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2912	SDG No.:	BM122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049180.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.8	ug/Kg
91-20-3	Naphthalene	13		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	4.4		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	13		0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	13		0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	240	E	0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	18		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	240	E	0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	160	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	73	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	85	E	0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	36		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	64		0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47		0.98	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.092		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.13		30-130		32	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.171		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7132		7.548			
1146-65-2	Naphthalene-d8	22563		10.309			
15067-26-2	Acenaphthene-d10	12909		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2912	SDG No.:	BM122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.8
Sample Wt/Vol:	30	Units:	g
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
BM049180.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29905	16.934				
1719-03-5	Chrysene-d12	25851	21.137				
1520-96-3	Perylene-d12	24350	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BM122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20
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
BM049181.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	8.8		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	3.8	J	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	5.3		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	4.9		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	4.4		0.23	1	4.1	ug/Kg
86-73-7	Fluorene	6.3		0.28	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	59		0.23	1	4.1	ug/Kg
120-12-7	Anthracene	14		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	87	E	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	70	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	40		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	39		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	60		0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	40		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.9		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.365		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.141		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9106		7.548			
1146-65-2	Naphthalene-d8	29157		10.309			
15067-26-2	Acenaphthene-d10	16380		14.187			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BM122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20
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
BM049181.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	37125	16.934				
1719-03-5	Chrysene-d12	32069	21.137				
1520-96-3	Perylene-d12	31484	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BM122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.2
Sample Wt/Vol:	30.1	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
BM049182.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	18		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	27		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	6.1		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	5.6		0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	6.9		0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	110	E	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	25		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	230	E	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	190	E	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	120	E	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	E	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	59		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	E	0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23		0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98	E	0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.809		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.229		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.244		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7488		7.548			
1146-65-2	Naphthalene-d8	23554		10.31			
15067-26-2	Acenaphthene-d10	13484		14.188			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BM122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049182.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32049	16.934				
1719-03-5	Chrysene-d12	25137	21.137				
1520-96-3	Perylene-d12	26267	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2918	SDG No.:	BM122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
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
BM049183.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.8	ug/Kg
91-20-3	Naphthalene	16		0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	23		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	3.9	J	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	3.7	J	0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	3.6	J	0.29	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	52		0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	9.9		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	120	E	0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	120	E	0.32	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	130	E	0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	E	0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	67		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	170	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	E	0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	0.99	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.577		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.143		30-130		36	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.199		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7097		7.552			
1146-65-2	Naphthalene-d8	22126		10.31			
15067-26-2	Acenaphthene-d10	12600		14.188			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2918	SDG No.:	BM122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
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
BM049183.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28625	16.934				
1719-03-5	Chrysene-d12	23706	21.14				
1520-96-3	Perylene-d12	27785	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2916	SDG No.:	BM122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049184.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.9	ug/Kg
91-20-3	Naphthalene	8.1		0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	3.8	J	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	9.2		0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	4.3		0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	3.1	J	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	2.7	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	37		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	9.1		0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	87	E	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	77	E	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	62		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	66	E	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	41		0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	92	E	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	E	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.601		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7325		7.548			
1146-65-2	Naphthalene-d8	22693		10.31			
15067-26-2	Acenaphthene-d10	12752		14.188			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2916	SDG No.:	BM122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049184.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28936	16.934				
1719-03-5	Chrysene-d12	25383	21.137				
1520-96-3	Perylene-d12	25411	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BM122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049185.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.789		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7681		7.552			
1146-65-2	Naphthalene-d8	23995		10.308			
15067-26-2	Acenaphthene-d10	13386		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BM122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049185.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29748	16.937				
1719-03-5	Chrysene-d12	26438	21.138				
1520-96-3	Perylene-d12	25746	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6	SDG No.:	BM122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049186.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.66	U	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	2	J	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	6.3		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	14		0.23	1	4.2	ug/Kg
129-00-0	Pyrene	10		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	6.4		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.9		0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.5	J	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	5.6		0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	J	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.4		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.166		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.249		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6358		7.548			
1146-65-2	Naphthalene-d8	19603		10.31			
15067-26-2	Acenaphthene-d10	10791		14.187			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6	SDG No.:	BM122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049186.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24115	16.934				
1719-03-5	Chrysene-d12	20891	21.137				
1520-96-3	Perylene-d12	20721	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6MS	SDG No.:	BM122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BM049187.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	12		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	13		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	12		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	12		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	15		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	13		0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	20		0.23	1	4.2	ug/Kg
129-00-0	Pyrene	19		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	15		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.415		15-120		52	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6104		7.552			
1146-65-2	Naphthalene-d8	19345		10.314			
15067-26-2	Acenaphthene-d10	11261		14.186			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6MS	SDG No.:	BM122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30.06 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
BM049187.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23598	16.937				
1719-03-5	Chrysene-d12	21048	21.137				
1520-96-3	Perylene-d12	22537	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6MSD	SDG No.:	BM122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30.01 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
BM049188.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47		1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	13		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	14		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	13		0.23	1	4.2	ug/Kg
86-73-7	Fluorene	13		0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	16		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	13		0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	22		0.23	1	4.2	ug/Kg
129-00-0	Pyrene	20		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	17		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	20		0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.443		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6615	7.552				
1146-65-2	Naphthalene-d8	20634	10.314				
15067-26-2	Acenaphthene-d10	12050	14.186				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR6MSD	SDG No.:	BM122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30.01 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
BM049188.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25790	16.937				
1719-03-5	Chrysene-d12	23388	21.137				
1520-96-3	Perylene-d12	25476	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS780	SDG No.:	BM122324
Lab Sample ID:	PB165780BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049189.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.5		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	9.4		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.4		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.1		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.2		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	16		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.1		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	9.1		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	9.5		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	9.5		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	8.7		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	9.3		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.3		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.3		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.1		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.7		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.7		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.9		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.521		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5638	7.552				
1146-65-2	Naphthalene-d8	17522	10.315				
15067-26-2	Acenaphthene-d10	10418	14.188				

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS780	SDG No.:	BM122324
Lab Sample ID:	PB165780BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049189.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21645	16.939				
1719-03-5	Chrysene-d12	18090	21.137				
1520-96-3	Perylene-d12	19638	23.294				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK772	SDG No.:	BM122324
Lab Sample ID:	PB165772BL	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
BM049191.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165772

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	5.387		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8361	7.548				
1146-65-2	Naphthalene-d8	25538	10.31				
15067-26-2	Acenaphthene-d10	13910	14.188				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK772	SDG No.:	BM122324
Lab Sample ID:	PB165772BL	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
BM049191.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31967	16.934				
1719-03-5	Chrysene-d12	25933	21.14				
1520-96-3	Perylene-d12	26628	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049192.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.45		15-120		81	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	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	5362		7.548			
1146-65-2	Naphthalene-d8	16185		10.308			
15067-26-2	Acenaphthene-d10	8804		14.186			

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049192.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19249	16.937				
1719-03-5	Chrysene-d12	14597	21.14				
1520-96-3	Perylene-d12	14464	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2928	SDG No.:	BM122324
Lab Sample ID:	P5353-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049193.D	1	12/23/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165813

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	0.03	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	0.03	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	0.03	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	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	0.04	J	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	J	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.884		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.514		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.438		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4809	7.548				
1146-65-2	Naphthalene-d8	14566	10.309				
15067-26-2	Acenaphthene-d10	8141	14.187				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2928	SDG No.:	BM122324
Lab Sample ID:	P5353-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049193.D	1	12/23/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18176	16.934				
1719-03-5	Chrysene-d12	14041	21.14				
1520-96-3	Perylene-d12	13781	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE692	SDG No.:	BM122324
Lab Sample ID:	P5379-01	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
BM049194.D	1	12/23/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165813

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	5.357		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.514		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.444		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5035	7.548				
1146-65-2	Naphthalene-d8	15090	10.309				
15067-26-2	Acenaphthene-d10	8334	14.183				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE692	SDG No.:	BM122324
Lab Sample ID:	P5379-01	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
BM049194.D	1	12/23/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165813

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18410	16.934				
1719-03-5	Chrysene-d12	14229	21.14				
1520-96-3	Perylene-d12	13556	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7	SDG No.:	BM122324
Lab Sample ID:	P5305-02	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
BM049195.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

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	0.0074	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	4.619		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6967		7.548			
1146-65-2	Naphthalene-d8	21054		10.309			
15067-26-2	Acenaphthene-d10	11698		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7	SDG No.:	BM122324
Lab Sample ID:	P5305-02	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
BM049195.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25471	16.934				
1719-03-5	Chrysene-d12	19193	21.14				
1520-96-3	Perylene-d12	18791	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8	SDG No.:	BM122324
Lab Sample ID:	P5305-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049196.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

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	4.536		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	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	6316	7.548				
1146-65-2	Naphthalene-d8	19233	10.31				
15067-26-2	Acenaphthene-d10	10610	14.183				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8	SDG No.:	BM122324
Lab Sample ID:	P5305-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049196.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23396	16.934				
1719-03-5	Chrysene-d12	17778	21.14				
1520-96-3	Perylene-d12	17534	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9	SDG No.:	BM122324
Lab Sample ID:	P5305-05	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
BM049197.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

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	4.587		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	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	6916	7.548				
1146-65-2	Naphthalene-d8	20840	10.308				
15067-26-2	Acenaphthene-d10	11226	14.186				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9	SDG No.:	BM122324
Lab Sample ID:	P5305-05	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
BM049197.D	1	12/18/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25398	16.933				
1719-03-5	Chrysene-d12	20473	21.137				
1520-96-3	Perylene-d12	20298	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2921	SDG No.:	BM122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049198.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	1.3	J	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	1.9	J	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	2.5	J	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	2.2	J	0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	34		0.23	1	4.2	ug/Kg
120-12-7	Anthracene	8.7		0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	68	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	54		0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	31		0.12	1	4.2	ug/Kg
218-01-9	Chrysene	29		0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	47		0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	33		0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18		0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5		0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.871		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.209		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5572		7.548			
1146-65-2	Naphthalene-d8	17088		10.308			
15067-26-2	Acenaphthene-d10	9414		14.186			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2921	SDG No.:	BM122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049198.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21307	16.933				
1719-03-5	Chrysene-d12	18723	21.134				
1520-96-3	Perylene-d12	18801	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BM122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BM049199.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7.9	ug/Kg
91-20-3	Naphthalene	2	J	0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.91	J	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1	J	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	19		0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	5.4		0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	45		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	13		0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	85	E	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	55		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	35		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	32		0.3	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	56		0.56	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	20		0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.3		0.56	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		0.89	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.517		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.182		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.163		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7258		7.548			
1146-65-2	Naphthalene-d8	21999		10.31			
15067-26-2	Acenaphthene-d10	12085		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BM122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049199.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26956	16.934				
1719-03-5	Chrysene-d12	24248	21.134				
1520-96-3	Perylene-d12	23720	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923	SDG No.:	BM122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM049200.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	2.6	J	0.25	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	2	J	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	2.9	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	3.5	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	4.2		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	62		0.22	1	4	ug/Kg
120-12-7	Anthracene	14		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	120	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	94	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	56		0.11	1	4	ug/Kg
218-01-9	Chrysene	53		0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	E	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	27		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	57		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.6		0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.202		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.196		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6500		7.548			
1146-65-2	Naphthalene-d8	19963		10.308			
15067-26-2	Acenaphthene-d10	11061		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923	SDG No.:	BM122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM049200.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25036	16.933				
1719-03-5	Chrysene-d12	21014	21.132				
1520-96-3	Perylene-d12	20885	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923MS	SDG No.:	BM122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049201.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	11		0.25	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	9.9		0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	9.6		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	20		0.22	1	4	ug/Kg
86-73-7	Fluorene	19		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	3.4	J	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	140	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	39		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	220	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	130	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	91	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	42		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.9		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.255		15-120		32	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.202		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.187		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6260		7.548			
1146-65-2	Naphthalene-d8	19402		10.308			
15067-26-2	Acenaphthene-d10	11340		14.186			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923MS	SDG No.:	BM122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.03 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
BM049201.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24308	16.933				
1719-03-5	Chrysene-d12	20896	21.134				
1520-96-3	Perylene-d12	22766	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923MSD	SDG No.:	BM122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.08 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
BM049202.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	11		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	9.6		0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	9.8		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	9.5		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	19		0.22	1	4	ug/Kg
86-73-7	Fluorene	19		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	3.2	J	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	140	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	39		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	210	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	120	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	100	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	88	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	48		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	40		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.8		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.23		15-120		29	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.193		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6088		7.548			
1146-65-2	Naphthalene-d8	18851		10.308			
15067-26-2	Acenaphthene-d10	10904		14.182			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923MSD	SDG No.:	BM122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.08 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
BM049202.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23266	16.933				
1719-03-5	Chrysene-d12	20662	21.134				
1520-96-3	Perylene-d12	22572	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2915	SDG No.:	BM122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM049203.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.9	ug/Kg
91-20-3	Naphthalene	37		0.26	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	18		0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	40		0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	5.8		0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	3.9	J	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	3.5	J	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	70		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	9.3		0.22	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	85	E	0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	71	E	0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	53		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	62		0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	E	0.62	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.42	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	54		0.42	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33		0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.62	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46		0.99	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.994		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.187		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7285		7.548			
1146-65-2	Naphthalene-d8	22590		10.308			
15067-26-2	Acenaphthene-d10	12751		14.181			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2915	SDG No.:	BM122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049203.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29456	16.933				
1719-03-5	Chrysene-d12	24508	21.134				
1520-96-3	Perylene-d12	29151	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BM122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BM049204.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.9	ug/Kg
91-20-3	Naphthalene	140	E	0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	76	E	0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	120	E	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	16		0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	270	E	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	170	E	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	2600	E	0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	230	E	0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	2500	E	0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	1500	E	0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	890	E	0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	930	E	0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	E	0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	350	E	0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	E	0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	E	0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36		1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.141		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.159		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.189		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10287		7.548			
1146-65-2	Naphthalene-d8	33360		10.31			
15067-26-2	Acenaphthene-d10	20428		14.183			

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BM122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049204.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	46278	16.934				
1719-03-5	Chrysene-d12	39649	21.137				
1520-96-3	Perylene-d12	45583	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3	SDG No.:	BM122324
Lab Sample ID:	P5305-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BM049205.D	1	12/18/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165769

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	0.01	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	4.685		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.388		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7917		7.548			
1146-65-2	Naphthalene-d8	25076		10.308			
15067-26-2	Acenaphthene-d10	14447		14.186			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3	SDG No.:	BM122324
Lab Sample ID:	P5305-01	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
BM049205.D	1	12/18/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165769

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31674	16.933				
1719-03-5	Chrysene-d12	26118	21.134				
1520-96-3	Perylene-d12	25384	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049207.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.935		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		20-140		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6961		7.548			
1146-65-2	Naphthalene-d8	21751		10.308			
15067-26-2	Acenaphthene-d10	11951		14.186			

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK752	SDG No.:	BM122324
Lab Sample ID:	PB165752BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049207.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26128	16.933				
1719-03-5	Chrysene-d12	19971	21.138				
1520-96-3	Perylene-d12	19542	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BM122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049208.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	9.5	ug/Kg
91-20-3	Naphthalene	13		0.28	1.2	4.7	ug/Kg
90-12-0	1-Methylnaphthalene	7.1		0.74	1.2	4.7	ug/Kg
91-57-6	2-Methylnaphthalene	9.5		0.27	1.2	4.7	ug/Kg
208-96-8	Acenaphthylene	7.9		0.47	1.2	4.7	ug/Kg
83-32-9	Acenaphthene	4.3	J	0.26	1.2	4.7	ug/Kg
86-73-7	Fluorene	6		0.31	1.2	4.7	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	2.4	9.5	ug/Kg
85-01-8	Phenanthrene	67		0.26	1.2	4.7	ug/Kg
120-12-7	Anthracene	16		0.24	1.2	4.7	ug/Kg
206-44-0	Fluoranthene	140	E	0.26	1.2	4.7	ug/Kg
129-00-0	Pyrene	110	E	0.34	1.2	4.7	ug/Kg
56-55-3	Benzo(a)anthracene	70		0.13	1.2	4.7	ug/Kg
218-01-9	Chrysene	70		0.36	1.2	4.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.67	1.2	4.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	33		0.45	1.2	4.7	ug/Kg
50-32-8	Benzo(a)pyrene	74		0.45	1.2	4.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41		0.74	1.2	4.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.67	1.2	4.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56		1.1	1.2	4.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.232		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7840		7.548			
1146-65-2	Naphthalene-d8	25080		10.304			
15067-26-2	Acenaphthene-d10	14357		14.183			

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BM122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049208.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33392	16.934				
1719-03-5	Chrysene-d12	28586	21.134				
1520-96-3	Perylene-d12	26898	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BM122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049209.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	900	E	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	440	E	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	610	E	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	28		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	1500	E	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	1200	E	0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	8600	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	2800	E	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	8900	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	7400	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	4800	E	0.11	1	4.1	ug/Kg
218-01-9	Chrysene	4500	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	E	0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	2400	E	0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	E	0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	E	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	E	0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.601		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.378		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		20-140		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7789		7.548			
1146-65-2	Naphthalene-d8	25347		10.304			
15067-26-2	Acenaphthene-d10	19282		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BM122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049209.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33615	16.939				
1719-03-5	Chrysene-d12	25145	21.149				
1520-96-3	Perylene-d12	48656	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2920	SDG No.:	BM122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049210.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	9	ug/Kg
91-20-3	Naphthalene	36		0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	20		0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	67		0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	5.7		0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	11		0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	7.8		0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	9	ug/Kg
85-01-8	Phenanthrene	150	E	0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	29		0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	400	E	0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	370	E	0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	320	E	0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	360	E	0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	580	E	0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	E	0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	460	E	0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	E	0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	E	0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	E	1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.743		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7194		7.548			
1146-65-2	Naphthalene-d8	22854		10.304			
15067-26-2	Acenaphthene-d10	13372		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2920	SDG No.:	BM122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049210.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30852	16.934				
1719-03-5	Chrysene-d12	23429	21.137				
1520-96-3	Perylene-d12	27627	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2919	SDG No.:	BM122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049211.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	15		0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	8.4		0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	3.6	J	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	5.1		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	3.2	J	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	43		0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	9.3		0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	140	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	140	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	160	E	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	91	E	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	240	E	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	E	0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.685		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.188		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.226		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7328		7.548			
1146-65-2	Naphthalene-d8	23030		10.308			
15067-26-2	Acenaphthene-d10	13054		14.182			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2919	SDG No.:	BM122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
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
BM049211.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30049	16.933				
1719-03-5	Chrysene-d12	24465	21.134				
1520-96-3	Perylene-d12	27269	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BM122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049212.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	7		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	4.4		0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	5.8		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	5.1		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	4.7		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	4.1		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	51		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	13		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	100	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	79	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	48		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	46		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	61		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	41		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.1		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31		0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.717		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.212		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.278		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7390		7.548			
1146-65-2	Naphthalene-d8	23335		10.31			
15067-26-2	Acenaphthene-d10	13157		14.183			

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BM122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049212.D	1	12/20/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29086	16.934				
1719-03-5	Chrysene-d12	24985	21.134				
1520-96-3	Perylene-d12	28950	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR1	SDG No.:	BM122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
Sample Wt/Vol:	30.1	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
BM049213.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	2	J	0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	1.4	J	0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1.1	J	0.11	0.93	3.7	ug/Kg
218-01-9	Chrysene	1.3	J	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.94	J	0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.521		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.233		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7521		7.548			
1146-65-2	Naphthalene-d8	23775		10.31			
15067-26-2	Acenaphthene-d10	13329		14.183			

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR1	SDG No.:	BM122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049213.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29237	16.934				
1719-03-5	Chrysene-d12	24900	21.137				
1520-96-3	Perylene-d12	25059	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS752	SDG No.:	BM122324
Lab Sample ID:	PB165752BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049214.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.9		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.9		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.8		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.8		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	20		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.9		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.5		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.6		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.4		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.499		15-120		62	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.33		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6611	7.548				
1146-65-2	Naphthalene-d8	21260	10.31				
15067-26-2	Acenaphthene-d10	12540	14.183				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS752	SDG No.:	BM122324
Lab Sample ID:	PB165752BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BM049214.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25189	16.934				
1719-03-5	Chrysene-d12	21130	21.137				
1520-96-3	Perylene-d12	23076	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AP9	SDG No.:	BM122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BM049215.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.94	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.94	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.94	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.7	ug/Kg
206-44-0	Fluoranthene	1.3	J	0.2	0.94	3.7	ug/Kg
129-00-0	Pyrene	0.98	J	0.27	0.94	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.83	J	0.11	0.94	3.7	ug/Kg
218-01-9	Chrysene	0.98	J	0.28	0.94	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.87	J	0.53	0.94	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.94	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.94	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.94	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.94	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	0.94	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.635		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.174		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.173		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7926		7.548			
1146-65-2	Naphthalene-d8	24963		10.31			
15067-26-2	Acenaphthene-d10	13839		14.183			

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AP9	SDG No.:	BM122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.8
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
BM049215.D	1	12/19/2024 12:00:00 AM	12/25/2024 12:00:00 AM	PB165752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30015	16.934				
1719-03-5	Chrysene-d12	24973	21.137				
1520-96-3	Perylene-d12	25098	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2AP5DL								
P5226-07DL	E2AP5DL	Solid	Total Alkanes	*	0.000	D 5.4	40	ug/Kg
			Total Tics :			0.00		
P5226-07DL	E2AP5DL	Solid	Acenaphthylene		89.000	D 2	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Anthracene		17.000	JD 1	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Benzo(a)anthracene		80.000	D 0.56	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Benzo(a)pyrene		100.000	D 1.9	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Benzo(b)fluoranthene		250.000	D 2.8	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Benzo(g,h,i)perylene		16.000	JD 4.5	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Benzo(k)fluoranthene		84.000	D 1.9	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Chrysene		74.000	D 1.5	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Dibenzo(a,h)anthracene		31.000	D 2.8	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Fluoranthene		63.000	D 1.1	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Indeno(1,2,3-cd)pyrene		85.000	D 3.1	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Phenanthrene		6.800	JD 1.1	20	ug/Kg
P5226-07DL	E2AP5DL	Solid	Pyrene		60.000	D 1.4	20	ug/Kg
			Total Svoc :			955.80		
			Total Concentration:			955.80		
Client ID : E2AN6DL								
P5226-11DL	E2AN6DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
			Total Tics :			0.00		
P5226-11DL	E2AN6DL	Solid	Acenaphthylene		14.000	JD 2	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Anthracene		5.900	JD 1	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Benzo(a)anthracene		32.000	D 0.56	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Benzo(a)pyrene		34.000	D 1.9	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Benzo(b)fluoranthene		50.000	D 2.8	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Benzo(g,h,i)perylene		24.000	D 4.5	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Benzo(k)fluoranthene		19.000	JD 1.9	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Chrysene		31.000	D 1.5	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Dibenzo(a,h)anthracene		5.400	JD 2.8	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Fluoranthene		82.000	D 1.1	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Indeno(1,2,3-cd)pyrene		20.000	D 3.1	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Phenanthrene		30.000	D 1.1	20	ug/Kg
P5226-11DL	E2AN6DL	Solid	Pyrene		65.000	D 1.5	20	ug/Kg
			Total Svoc :			412.30		
			Total Concentration:			412.30		
Client ID : E28Y9DL								
P5265-04DL	E28Y9DL	Solid	Total Alkanes	*	0.000	D 2.2	17	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				0.00				
P5265-04DL	E28Y9DL	Solid	1-Methylnaphthalene	2.300	JD	1.3	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	2-Methylnaphthalene	3.300	JD	0.48	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Acenaphthene	3.000	JD	0.45	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Acenaphthylene	1.700	JD	0.83	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Anthracene	7.500	JD	0.43	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Benzo(a)anthracene	31.000	D	0.23	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Benzo(a)pyrene	34.000	D	0.8	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Benzo(b)fluoranthene	49.000	D	1.2	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Benzo(g,h,i)perylene	25.000	D	1.9	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Benzo(k)fluoranthene	17.000	D	0.8	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Chrysene	31.000	D	0.63	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Dibenzo(a,h)anthracene	5.500	JD	1.2	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Fluoranthene	70.000	D	0.45	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Fluorene	2.300	JD	0.55	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Indeno(1,2,3-cd)pyrene	19.000	D	1.3	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Naphthalene	2.700	JD	0.5	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Phenanthrene	32.000	D	0.45	8.3	ug/Kg
P5265-04DL	E28Y9DL	Solid	Pyrene	58.000	D	0.6	8.3	ug/Kg
Total Svoc :				394.30				
Total Concentration:				394.30				
Client ID : E28Z3								
P5265-08	E28Z3	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P5265-08	E28Z3	Solid	1-Methylnaphthalene	4.600		0.66	4.2	ug/Kg
P5265-08	E28Z3	Solid	2-Methylnaphthalene	5.900		0.24	4.2	ug/Kg
P5265-08	E28Z3	Solid	Acenaphthene	14.000		0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Acenaphthylene	1.300	J	0.42	4.2	ug/Kg
P5265-08	E28Z3	Solid	Anthracene	12.000		0.22	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(a)anthracene	47.000		0.12	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(a)pyrene	60.000		0.41	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(b)fluoranthene	93.000	E	0.6	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(g,h,i)perylene	55.000		0.95	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(k)fluoranthene	31.000		0.41	4.2	ug/Kg
P5265-08	E28Z3	Solid	Chrysene	59.000		0.32	4.2	ug/Kg
P5265-08	E28Z3	Solid	Dibenzo(a,h)anthracene	9.000		0.6	4.2	ug/Kg
P5265-08	E28Z3	Solid	Fluoranthene	220.000	E	0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Fluorene	6.600		0.28	4.2	ug/Kg
P5265-08	E28Z3	Solid	Indeno(1,2,3-cd)pyrene	40.000		0.66	4.2	ug/Kg
P5265-08	E28Z3	Solid	Naphthalene	5.100		0.25	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-08	E28Z3	Solid	Phenanthrene	220.000	E	0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Pyrene	170.000	E	0.31	4.2	ug/Kg
Total Svoc :				1,053.50				
Total Concentration:				1,053.50				
Client ID :	E2AR0							
P5302-01	E2AR0	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AR1							
P5302-02	E2AR1	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
P5302-02	E2AR1	Solid	Benzo(a)anthracene	1.100	J	0.11	3.7	ug/Kg
P5302-02	E2AR1	Solid	Benzo(b)fluoranthene	0.940	J	0.53	3.7	ug/Kg
P5302-02	E2AR1	Solid	Chrysene	1.300	J	0.28	3.7	ug/Kg
P5302-02	E2AR1	Solid	Fluoranthene	2.000	J	0.2	3.7	ug/Kg
P5302-02	E2AR1	Solid	Pyrene	1.400	J	0.27	3.7	ug/Kg
Total Svoc :				6.74				
Total Concentration:				6.74				
Client ID :	E2AR6							
P5302-03	E2AR6	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P5302-03	E2AR6	Solid	Acenaphthylene	2.000	J	0.42	4.2	ug/Kg
P5302-03	E2AR6	Solid	Benzo(a)anthracene	4.600		0.12	4.2	ug/Kg
P5302-03	E2AR6	Solid	Benzo(a)pyrene	5.600		0.4	4.2	ug/Kg
P5302-03	E2AR6	Solid	Benzo(b)fluoranthene	9.900		0.59	4.2	ug/Kg
P5302-03	E2AR6	Solid	Benzo(g,h,i)perylene	4.400		0.95	4.2	ug/Kg
P5302-03	E2AR6	Solid	Benzo(k)fluoranthene	3.500	J	0.4	4.2	ug/Kg
P5302-03	E2AR6	Solid	Chrysene	6.400		0.32	4.2	ug/Kg
P5302-03	E2AR6	Solid	Dibenzo(a,h)anthracene	1.000	J	0.59	4.2	ug/Kg
P5302-03	E2AR6	Solid	Fluoranthene	14.000		0.23	4.2	ug/Kg
P5302-03	E2AR6	Solid	Indeno(1,2,3-cd)pyrene	3.700	J	0.66	4.2	ug/Kg
P5302-03	E2AR6	Solid	Phenanthrene	6.300		0.23	4.2	ug/Kg
P5302-03	E2AR6	Solid	Pyrene	10.000		0.3	4.2	ug/Kg
Total Svoc :				71.40				
Total Concentration:				71.40				
Client ID :	E2AR7							
P5302-06	E2AR7	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.00				
Client ID :	E2AS0							
P5302-07	E2AS0	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
Total Tics :				0.00				
P5302-07	E2AS0	Solid	1-Methylnaphthalene		0.910	J 0.61	3.9	ug/Kg
P5302-07	E2AS0	Solid	2-Methylnaphthalene		1.000	J 0.22	3.9	ug/Kg
P5302-07	E2AS0	Solid	Acenaphthene		1.100	J 0.21	3.9	ug/Kg
P5302-07	E2AS0	Solid	Acenaphthylene		19.000	0.39	3.9	ug/Kg
P5302-07	E2AS0	Solid	Anthracene		13.000	0.2	3.9	ug/Kg
P5302-07	E2AS0	Solid	Benzo(a)anthracene		35.000	0.11	3.9	ug/Kg
P5302-07	E2AS0	Solid	Benzo(a)pyrene		30.000	0.38	3.9	ug/Kg
P5302-07	E2AS0	Solid	Benzo(b)fluoranthene		56.000	0.56	3.9	ug/Kg
P5302-07	E2AS0	Solid	Benzo(g,h,i)perylene		14.000	0.89	3.9	ug/Kg
P5302-07	E2AS0	Solid	Benzo(k)fluoranthene		20.000	0.38	3.9	ug/Kg
P5302-07	E2AS0	Solid	Chrysene		32.000	0.3	3.9	ug/Kg
P5302-07	E2AS0	Solid	Dibenzo(a,h)anthracene		6.300	0.56	3.9	ug/Kg
P5302-07	E2AS0	Solid	Fluoranthene		85.000	E 0.21	3.9	ug/Kg
P5302-07	E2AS0	Solid	Fluorene		5.400	0.26	3.9	ug/Kg
P5302-07	E2AS0	Solid	Indeno(1,2,3-cd)pyrene		19.000	0.61	3.9	ug/Kg
P5302-07	E2AS0	Solid	Naphthalene		2.000	J 0.24	3.9	ug/Kg
P5302-07	E2AS0	Solid	Phenanthrene		45.000	0.21	3.9	ug/Kg
P5302-07	E2AS0	Solid	Pyrene		55.000	0.28	3.9	ug/Kg
Total Svoc :				439.71				
Total Concentration:				439.71				
Client ID :	E2AR8							
P5302-08	E2AR8	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AR9							
P5302-09	E2AR9	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AS1							
P5302-10	E2AS1	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AN7							
P5302-14	E2AN7	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P5302-14	E2AN7	Solid	Acenaphthylene	2.100	J	0.4	4	ug/Kg
P5302-14	E2AN7	Solid	Benzo(a)anthracene	3.100	J	0.11	4	ug/Kg
P5302-14	E2AN7	Solid	Benzo(a)pyrene	4.300		0.39	4	ug/Kg
P5302-14	E2AN7	Solid	Benzo(b)fluoranthene	7.200		0.57	4	ug/Kg
P5302-14	E2AN7	Solid	Benzo(g,h,i)perylene	3.500	J	0.91	4	ug/Kg
P5302-14	E2AN7	Solid	Benzo(k)fluoranthene	2.200	J	0.39	4	ug/Kg
P5302-14	E2AN7	Solid	Chrysene	3.800	J	0.3	4	ug/Kg
P5302-14	E2AN7	Solid	Fluoranthene	8.400		0.22	4	ug/Kg
P5302-14	E2AN7	Solid	Indeno(1,2,3-cd)pyrene	2.700	J	0.63	4	ug/Kg
P5302-14	E2AN7	Solid	Phenanthrene	3.300	J	0.22	4	ug/Kg
P5302-14	E2AN7	Solid	Pyrene	6.700		0.29	4	ug/Kg
			Total Svoc :	47.30				
			Total Concentration:	47.30				
Client ID : E2AP8								
P5302-15	E2AP8	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :	0.00				
P5302-15	E2AP8	Solid	Acenaphthylene	2.700	J	0.39	3.9	ug/Kg
P5302-15	E2AP8	Solid	Benzo(a)anthracene	3.700	J	0.11	3.9	ug/Kg
P5302-15	E2AP8	Solid	Benzo(a)pyrene	5.100		0.38	3.9	ug/Kg
P5302-15	E2AP8	Solid	Benzo(b)fluoranthene	8.500		0.56	3.9	ug/Kg
P5302-15	E2AP8	Solid	Benzo(g,h,i)perylene	4.100		0.89	3.9	ug/Kg
P5302-15	E2AP8	Solid	Benzo(k)fluoranthene	2.700	J	0.38	3.9	ug/Kg
P5302-15	E2AP8	Solid	Chrysene	4.500		0.3	3.9	ug/Kg
P5302-15	E2AP8	Solid	Dibenzo(a,h)anthracene	0.910	J	0.56	3.9	ug/Kg
P5302-15	E2AP8	Solid	Fluoranthene	10.000		0.21	3.9	ug/Kg
P5302-15	E2AP8	Solid	Indeno(1,2,3-cd)pyrene	3.200	J	0.62	3.9	ug/Kg
P5302-15	E2AP8	Solid	Phenanthrene	3.900		0.21	3.9	ug/Kg
P5302-15	E2AP8	Solid	Pyrene	7.800		0.29	3.9	ug/Kg
			Total Svoc :	57.11				
			Total Concentration:	57.11				
Client ID : E2AP9								
P5302-16	E2AP9	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :	0.00				
P5302-16	E2AP9	Solid	Benzo(a)anthracene	0.830	J	0.11	3.7	ug/Kg
P5302-16	E2AP9	Solid	Benzo(b)fluoranthene	0.870	J	0.53	3.7	ug/Kg
P5302-16	E2AP9	Solid	Chrysene	0.980	J	0.28	3.7	ug/Kg
P5302-16	E2AP9	Solid	Fluoranthene	1.300	J	0.2	3.7	ug/Kg
P5302-16	E2AP9	Solid	Pyrene	0.980	J	0.27	3.7	ug/Kg
			Total Svoc :	4.96				

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4.96				
Client ID :	E2AQ0							
P5302-17	E2AQ0	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AQ2							
P5302-18	E2AQ2	Solid	Total Alkanes	*	0.000	0.95	7.1	ug/Kg
Total Tics :				0.00				
P5302-18	E2AQ2	Solid	Benzo(a)anthracene		2.400	J 0.1	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Benzo(a)pyrene		2.900	J 0.34	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Benzo(b)fluoranthene		5.000	0.5	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Benzo(g,h,i)perylene		2.400	J 0.8	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Benzo(k)fluoranthene		1.600	J 0.34	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Chrysene		2.900	J 0.27	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Fluoranthene		6.000	0.19	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Indeno(1,2,3-cd)pyrene		1.800	J 0.55	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Phenanthrene		2.300	J 0.19	3.5	ug/Kg
P5302-18	E2AQ2	Solid	Pyrene		4.600	0.26	3.5	ug/Kg
Total Svoc :				31.90				
Total Concentration:				31.90				
Client ID :	E2AT3							
P5305-01	E2AT3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AT7							
P5305-02	E2AT7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P5305-02	E2AT7	Water	Naphthalene		0.020	J 0.0043	0.1	ug/L
Total Svoc :				0.02				
Total Concentration:				0.02				
Client ID :	E2AT8							
P5305-04	E2AT8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E2AT9							
P5305-05	E2AT9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				

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SDG No.: BM122324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2AW2								
P5305-06	E2AW2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AX4								
P5305-08	E2AX4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AQ1								
P5331-01	E2AQ1	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
			Total Tics :			0.00		
P5331-01	E2AQ1	Solid	Benzo(a)anthracene		1.300	J 0.1	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Benzo(a)pyrene		1.700	J 0.36	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Benzo(b)fluoranthene		3.000	J 0.53	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Benzo(g,h,i)perylene		1.500	J 0.84	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Benzo(k)fluoranthene		1.000	J 0.36	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Chrysene		1.600	J 0.28	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Fluoranthene		2.800	J 0.2	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Indeno(1,2,3-cd)pyrene		1.000	J 0.58	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Phenanthrene		1.100	J 0.2	3.7	ug/Kg
P5331-01	E2AQ1	Solid	Pyrene		2.100	J 0.27	3.7	ug/Kg
			Total Svoc :			17.10		
			Total Concentration:			17.10		
Client ID : E2AQ3								
P5331-05	E2AQ3	Solid	Total Alkanes	*	0.000	0.96	7.3	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2904								
P5333-01	E2904	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
			Total Tics :			0.00		
P5333-01	E2904	Solid	1-Methylnaphthalene		1.400	J 0.61	3.8	ug/Kg
P5333-01	E2904	Solid	2-Methylnaphthalene		2.100	J 0.22	3.8	ug/Kg
P5333-01	E2904	Solid	Anthracene		2.400	J 0.2	3.8	ug/Kg
P5333-01	E2904	Solid	Benzo(a)anthracene		4.500	0.11	3.8	ug/Kg
P5333-01	E2904	Solid	Benzo(a)pyrene		6.000	0.37	3.8	ug/Kg
P5333-01	E2904	Solid	Benzo(b)fluoranthene		9.900	0.55	3.8	ug/Kg
P5333-01	E2904	Solid	Benzo(g,h,i)perylene		5.700	0.87	3.8	ug/Kg
P5333-01	E2904	Solid	Benzo(k)fluoranthene		3.600	J 0.37	3.8	ug/Kg
P5333-01	E2904	Solid	Chrysene		6.200	0.29	3.8	ug/Kg

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-01	E2904	Solid	Dibenzo(a,h)anthracene	1.200	J	0.55	3.8	ug/Kg
P5333-01	E2904	Solid	Fluoranthene	12.000		0.21	3.8	ug/Kg
P5333-01	E2904	Solid	Indeno(1,2,3-cd)pyrene	3.900		0.61	3.8	ug/Kg
P5333-01	E2904	Solid	Naphthalene	2.100	J	0.23	3.8	ug/Kg
P5333-01	E2904	Solid	Phenanthrene	12.000		0.21	3.8	ug/Kg
P5333-01	E2904	Solid	Pyrene	10.000		0.28	3.8	ug/Kg
Total Svoc :				83.00				
Total Concentration:				83.00				
Client ID : E2905								
P5333-02	E2905	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
Total Tics :				0.00				
P5333-02	E2905	Solid	1-Methylnaphthalene	1.000	J	0.61	3.9	ug/Kg
P5333-02	E2905	Solid	2-Methylnaphthalene	1.500	J	0.22	3.9	ug/Kg
P5333-02	E2905	Solid	Acenaphthene	1.200	J	0.21	3.9	ug/Kg
P5333-02	E2905	Solid	Anthracene	3.300	J	0.2	3.9	ug/Kg
P5333-02	E2905	Solid	Benzo(a)anthracene	7.600		0.11	3.9	ug/Kg
P5333-02	E2905	Solid	Benzo(a)pyrene	8.700		0.38	3.9	ug/Kg
P5333-02	E2905	Solid	Benzo(b)fluoranthene	13.000		0.55	3.9	ug/Kg
P5333-02	E2905	Solid	Benzo(g,h,i)perylene	6.700		0.89	3.9	ug/Kg
P5333-02	E2905	Solid	Benzo(k)fluoranthene	4.300		0.38	3.9	ug/Kg
P5333-02	E2905	Solid	Chrysene	7.800		0.3	3.9	ug/Kg
P5333-02	E2905	Solid	Dibenzo(a,h)anthracene	1.400	J	0.55	3.9	ug/Kg
P5333-02	E2905	Solid	Fluoranthene	18.000		0.21	3.9	ug/Kg
P5333-02	E2905	Solid	Fluorene	1.200	J	0.26	3.9	ug/Kg
P5333-02	E2905	Solid	Indeno(1,2,3-cd)pyrene	5.200		0.61	3.9	ug/Kg
P5333-02	E2905	Solid	Naphthalene	1.600	J	0.24	3.9	ug/Kg
P5333-02	E2905	Solid	Phenanthrene	13.000		0.21	3.9	ug/Kg
P5333-02	E2905	Solid	Pyrene	15.000		0.28	3.9	ug/Kg
Total Svoc :				110.50				
Total Concentration:				110.50				
Client ID : E2906								
P5333-03	E2906	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
Total Tics :				0.00				
P5333-03	E2906	Solid	1-Methylnaphthalene	76.000	E	0.69	4.4	ug/Kg
P5333-03	E2906	Solid	2-Methylnaphthalene	120.000	E	0.25	4.4	ug/Kg
P5333-03	E2906	Solid	Acenaphthene	270.000	E	0.24	4.4	ug/Kg
P5333-03	E2906	Solid	Acenaphthylene	16.000		0.44	4.4	ug/Kg
P5333-03	E2906	Solid	Anthracene	230.000	E	0.23	4.4	ug/Kg
P5333-03	E2906	Solid	Benzo(a)anthracene	890.000	E	0.12	4.4	ug/Kg
P5333-03	E2906	Solid	Benzo(a)pyrene	350.000	E	0.43	4.4	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-03	E2906	Solid	Benzo(b)fluoranthene	1,100.000	E	0.63	4.4	ug/Kg
P5333-03	E2906	Solid	Benzo(g,h,i)perylene	36.000		1	4.4	ug/Kg
P5333-03	E2906	Solid	Benzo(k)fluoranthene	370.000	E	0.43	4.4	ug/Kg
P5333-03	E2906	Solid	Chrysene	930.000	E	0.33	4.4	ug/Kg
P5333-03	E2906	Solid	Dibenzo(a,h)anthracene	120.000	E	0.63	4.4	ug/Kg
P5333-03	E2906	Solid	Fluoranthene	2,500.000	E	0.24	4.4	ug/Kg
P5333-03	E2906	Solid	Fluorene	170.000	E	0.29	4.4	ug/Kg
P5333-03	E2906	Solid	Indeno(1,2,3-cd)pyrene	240.000	E	0.69	4.4	ug/Kg
P5333-03	E2906	Solid	Naphthalene	140.000	E	0.27	4.4	ug/Kg
P5333-03	E2906	Solid	Phenanthrene	2,600.000	E	0.24	4.4	ug/Kg
P5333-03	E2906	Solid	Pyrene	1,500.000	E	0.32	4.4	ug/Kg
Total Svoc :				11,658.00				
Total Concentration:				11,658.00				

Client ID : E2907

P5333-04	E2907	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
Total Tics :				0.00				
P5333-04	E2907	Solid	1-Methylnaphthalene		15.000	0.67	4.3	ug/Kg
P5333-04	E2907	Solid	2-Methylnaphthalene		21.000	0.25	4.3	ug/Kg
P5333-04	E2907	Solid	Acenaphthene		45.000	0.23	4.3	ug/Kg
P5333-04	E2907	Solid	Acenaphthylene		5.400	0.43	4.3	ug/Kg
P5333-04	E2907	Solid	Anthracene		46.000	0.22	4.3	ug/Kg
P5333-04	E2907	Solid	Benzo(a)anthracene		200.000	E 0.12	4.3	ug/Kg
P5333-04	E2907	Solid	Benzo(a)pyrene		190.000	E 0.41	4.3	ug/Kg
P5333-04	E2907	Solid	Benzo(b)fluoranthene		340.000	E 0.61	4.3	ug/Kg
P5333-04	E2907	Solid	Benzo(g,h,i)perylene		140.000	E 0.97	4.3	ug/Kg
P5333-04	E2907	Solid	Benzo(k)fluoranthene		110.000	E 0.41	4.3	ug/Kg
P5333-04	E2907	Solid	Chrysene		230.000	E 0.32	4.3	ug/Kg
P5333-04	E2907	Solid	Dibenzo(a,h)anthracene		36.000		4.3	ug/Kg
P5333-04	E2907	Solid	Fluoranthene		650.000	E 0.23	4.3	ug/Kg
P5333-04	E2907	Solid	Fluorene		36.000		4.3	ug/Kg
P5333-04	E2907	Solid	Indeno(1,2,3-cd)pyrene		110.000	E 0.67	4.3	ug/Kg
P5333-04	E2907	Solid	Naphthalene		26.000		4.3	ug/Kg
P5333-04	E2907	Solid	Phenanthrene		590.000	E 0.23	4.3	ug/Kg
P5333-04	E2907	Solid	Pyrene		450.000	E 0.31	4.3	ug/Kg
Total Svoc :				3,240.40				
Total Concentration:				3,240.40				

Client ID : E2908

P5333-05	E2908	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
P5333-05	E2908	Solid	1-Methylnaphthalene		4.400	0.64	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-05	E2908	Solid	2-Methylnaphthalene	5.800		0.24	4.1	ug/Kg
P5333-05	E2908	Solid	Acenaphthene	4.700		0.22	4.1	ug/Kg
P5333-05	E2908	Solid	Acenaphthylene	5.100		0.41	4.1	ug/Kg
P5333-05	E2908	Solid	Anthracene	13.000		0.21	4.1	ug/Kg
P5333-05	E2908	Solid	Benzo(a)anthracene	48.000		0.12	4.1	ug/Kg
P5333-05	E2908	Solid	Benzo(a)pyrene	41.000		0.4	4.1	ug/Kg
P5333-05	E2908	Solid	Benzo(b)fluoranthene	61.000		0.58	4.1	ug/Kg
P5333-05	E2908	Solid	Benzo(g,h,i)perylene	31.000		0.93	4.1	ug/Kg
P5333-05	E2908	Solid	Benzo(k)fluoranthene	21.000		0.4	4.1	ug/Kg
P5333-05	E2908	Solid	Chrysene	46.000		0.31	4.1	ug/Kg
P5333-05	E2908	Solid	Dibenzo(a,h)anthracene	7.100		0.58	4.1	ug/Kg
P5333-05	E2908	Solid	Fluoranthene	100.000	E	0.22	4.1	ug/Kg
P5333-05	E2908	Solid	Fluorene	4.100		0.27	4.1	ug/Kg
P5333-05	E2908	Solid	Indeno(1,2,3-cd)pyrene	24.000		0.64	4.1	ug/Kg
P5333-05	E2908	Solid	Naphthalene	7.000		0.25	4.1	ug/Kg
P5333-05	E2908	Solid	Phenanthrene	51.000		0.22	4.1	ug/Kg
P5333-05	E2908	Solid	Pyrene	79.000	E	0.3	4.1	ug/Kg

Total Svoc :

553.20

Total Concentration:

553.20

Client ID : E2909

P5333-06	E2909	Solid	Total Alkanes	*	0.000	1.3	9.5	ug/Kg
Total Tics :					0.00			
P5333-06	E2909	Solid	1-Methylnaphthalene		7.100	0.74	4.7	ug/Kg
P5333-06	E2909	Solid	2-Methylnaphthalene		9.500	0.27	4.7	ug/Kg
P5333-06	E2909	Solid	Acenaphthene		4.300	J 0.26	4.7	ug/Kg
P5333-06	E2909	Solid	Acenaphthylene		7.900	0.47	4.7	ug/Kg
P5333-06	E2909	Solid	Anthracene		16.000	0.24	4.7	ug/Kg
P5333-06	E2909	Solid	Benzo(a)anthracene		70.000	0.13	4.7	ug/Kg
P5333-06	E2909	Solid	Benzo(a)pyrene		74.000	0.45	4.7	ug/Kg
P5333-06	E2909	Solid	Benzo(b)fluoranthene		110.000	E 0.67	4.7	ug/Kg
P5333-06	E2909	Solid	Benzo(g,h,i)perylene		56.000	1.1	4.7	ug/Kg
P5333-06	E2909	Solid	Benzo(k)fluoranthene		33.000	0.45	4.7	ug/Kg
P5333-06	E2909	Solid	Chrysene		70.000	0.36	4.7	ug/Kg
P5333-06	E2909	Solid	Dibenzo(a,h)anthracene		13.000	0.67	4.7	ug/Kg
P5333-06	E2909	Solid	Fluoranthene		140.000	E 0.26	4.7	ug/Kg
P5333-06	E2909	Solid	Fluorene		6.000	0.31	4.7	ug/Kg
P5333-06	E2909	Solid	Indeno(1,2,3-cd)pyrene		41.000	0.74	4.7	ug/Kg
P5333-06	E2909	Solid	Naphthalene		13.000	0.28	4.7	ug/Kg
P5333-06	E2909	Solid	Phenanthrene		67.000	0.26	4.7	ug/Kg
P5333-06	E2909	Solid	Pyrene		110.000	E 0.34	4.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			847.80		
			Total Concentration:			847.80		
Client ID : E2910								
P5333-07	E2910	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
			Total Tics :			0.00		
P5333-07	E2910	Solid	1-Methylnaphthalene		2.400	J 0.6	3.8	ug/Kg
P5333-07	E2910	Solid	2-Methylnaphthalene		2.500	J 0.22	3.8	ug/Kg
P5333-07	E2910	Solid	Benzo(g,h,i)perylene		1.400	J 0.86	3.8	ug/Kg
P5333-07	E2910	Solid	Naphthalene		0.880	J 0.23	3.8	ug/Kg
P5333-07	E2910	Solid	Phenanthrene		2.200	J 0.21	3.8	ug/Kg
			Total Svoc :			9.38		
			Total Concentration:			9.38		
Client ID : E2911								
P5333-08	E2911	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
			Total Tics :			0.00		
P5333-08	E2911	Solid	1-Methylnaphthalene		3.800	J 0.65	4.1	ug/Kg
P5333-08	E2911	Solid	2-Methylnaphthalene		5.300	0.24	4.1	ug/Kg
P5333-08	E2911	Solid	Acenaphthene		4.400	0.23	4.1	ug/Kg
P5333-08	E2911	Solid	Acenaphthylene		4.900	0.41	4.1	ug/Kg
P5333-08	E2911	Solid	Anthracene		14.000	0.21	4.1	ug/Kg
P5333-08	E2911	Solid	Benzo(a)anthracene		40.000	0.12	4.1	ug/Kg
P5333-08	E2911	Solid	Benzo(a)pyrene		40.000	0.4	4.1	ug/Kg
P5333-08	E2911	Solid	Benzo(b)fluoranthene		60.000	0.59	4.1	ug/Kg
P5333-08	E2911	Solid	Benzo(g,h,i)perylene		31.000	0.94	4.1	ug/Kg
P5333-08	E2911	Solid	Benzo(k)fluoranthene		18.000	0.4	4.1	ug/Kg
P5333-08	E2911	Solid	Chrysene		39.000	0.31	4.1	ug/Kg
P5333-08	E2911	Solid	Dibenzo(a,h)anthracene		6.900	0.59	4.1	ug/Kg
P5333-08	E2911	Solid	Fluoranthene		87.000	E 0.23	4.1	ug/Kg
P5333-08	E2911	Solid	Fluorene		6.300	0.28	4.1	ug/Kg
P5333-08	E2911	Solid	Indeno(1,2,3-cd)pyrene		22.000	0.65	4.1	ug/Kg
P5333-08	E2911	Solid	Naphthalene		8.800	0.25	4.1	ug/Kg
P5333-08	E2911	Solid	Phenanthrene		59.000	0.23	4.1	ug/Kg
P5333-08	E2911	Solid	Pyrene		70.000	E 0.3	4.1	ug/Kg
			Total Svoc :			520.40		
			Total Concentration:			520.40		
Client ID : E2912								
P5333-09	E2912	Solid	Total Alkanes	*	0.000	1.2	8.8	ug/Kg
			Total Tics :			0.00		
P5333-09	E2912	Solid	1-Methylnaphthalene		10.000	0.68	4.3	ug/Kg

Hit Summary Sheet
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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-09	E2912	Solid	2-Methylnaphthalene	13.000		0.25	4.3	ug/Kg
P5333-09	E2912	Solid	Acenaphthene	13.000		0.24	4.3	ug/Kg
P5333-09	E2912	Solid	Acenaphthylene	4.400		0.43	4.3	ug/Kg
P5333-09	E2912	Solid	Anthracene	18.000		0.22	4.3	ug/Kg
P5333-09	E2912	Solid	Benzo(a)anthracene	73.000	E	0.12	4.3	ug/Kg
P5333-09	E2912	Solid	Benzo(a)pyrene	64.000		0.42	4.3	ug/Kg
P5333-09	E2912	Solid	Benzo(b)fluoranthene	110.000	E	0.62	4.3	ug/Kg
P5333-09	E2912	Solid	Benzo(g,h,i)perylene	47.000		0.98	4.3	ug/Kg
P5333-09	E2912	Solid	Benzo(k)fluoranthene	36.000		0.42	4.3	ug/Kg
P5333-09	E2912	Solid	Chrysene	85.000	E	0.33	4.3	ug/Kg
P5333-09	E2912	Solid	Dibenzo(a,h)anthracene	12.000		0.62	4.3	ug/Kg
P5333-09	E2912	Solid	Fluoranthene	240.000	E	0.24	4.3	ug/Kg
P5333-09	E2912	Solid	Fluorene	13.000		0.29	4.3	ug/Kg
P5333-09	E2912	Solid	Indeno(1,2,3-cd)pyrene	37.000		0.68	4.3	ug/Kg
P5333-09	E2912	Solid	Naphthalene	13.000		0.26	4.3	ug/Kg
P5333-09	E2912	Solid	Phenanthrene	240.000	E	0.24	4.3	ug/Kg
P5333-09	E2912	Solid	Pyrene	160.000	E	0.31	4.3	ug/Kg
Total Svoc :				1,188.40				
Total Concentration:				1,188.40				

Client ID : E2913

P5333-11	E2913	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
P5333-11	E2913	Solid	1-Methylnaphthalene		440.000	E 0.64	4.1	ug/Kg
P5333-11	E2913	Solid	2-Methylnaphthalene		610.000	E 0.23	4.1	ug/Kg
P5333-11	E2913	Solid	Acenaphthene		1,500.000	E 0.22	4.1	ug/Kg
P5333-11	E2913	Solid	Acenaphthylene		28.000	0.41	4.1	ug/Kg
P5333-11	E2913	Solid	Anthracene		2,800.000	E 0.21	4.1	ug/Kg
P5333-11	E2913	Solid	Benzo(a)anthracene		4,800.000	E 0.11	4.1	ug/Kg
P5333-11	E2913	Solid	Benzo(a)pyrene		2,400.000	E 0.39	4.1	ug/Kg
P5333-11	E2913	Solid	Benzo(b)fluoranthene		3,400.000	E 0.58	4.1	ug/Kg
P5333-11	E2913	Solid	Benzo(g,h,i)perylene		1,300.000	E 0.92	4.1	ug/Kg
P5333-11	E2913	Solid	Benzo(k)fluoranthene		1,200.000	E 0.39	4.1	ug/Kg
P5333-11	E2913	Solid	Chrysene		4,500.000	E 0.31	4.1	ug/Kg
P5333-11	E2913	Solid	Dibenzo(a,h)anthracene		440.000	E 0.58	4.1	ug/Kg
P5333-11	E2913	Solid	Fluoranthene		8,900.000	E 0.22	4.1	ug/Kg
P5333-11	E2913	Solid	Fluorene		1,200.000	E 0.27	4.1	ug/Kg
P5333-11	E2913	Solid	Indeno(1,2,3-cd)pyrene		1,200.000	E 0.64	4.1	ug/Kg
P5333-11	E2913	Solid	Naphthalene		900.000	E 0.25	4.1	ug/Kg
P5333-11	E2913	Solid	Phenanthrene		8,600.000	E 0.22	4.1	ug/Kg
P5333-11	E2913	Solid	Pyrene		7,400.000	E 0.3	4.1	ug/Kg

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	51,618.00				
			Total Concentration:	51,618.00				
Client ID : E2914								
P5333-12	E2914	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
			Total Tics :	0.00				
P5333-12	E2914	Solid	1-Methylnaphthalene		17.000	0.67	4.2	ug/Kg
P5333-12	E2914	Solid	2-Methylnaphthalene		41.000	0.24	4.2	ug/Kg
P5333-12	E2914	Solid	Acenaphthene		4.500	0.23	4.2	ug/Kg
P5333-12	E2914	Solid	Acenaphthylene		3.800	J 0.42	4.2	ug/Kg
P5333-12	E2914	Solid	Anthracene		9.500	0.22	4.2	ug/Kg
P5333-12	E2914	Solid	Benzo(a)anthracene		69.000	E 0.12	4.2	ug/Kg
P5333-12	E2914	Solid	Benzo(a)pyrene		61.000	0.41	4.2	ug/Kg
P5333-12	E2914	Solid	Benzo(b)fluoranthene		150.000	E 0.6	4.2	ug/Kg
P5333-12	E2914	Solid	Benzo(g,h,i)perylene		9.300	0.96	4.2	ug/Kg
P5333-12	E2914	Solid	Benzo(k)fluoranthene		46.000	0.41	4.2	ug/Kg
P5333-12	E2914	Solid	Chrysene		81.000	E 0.32	4.2	ug/Kg
P5333-12	E2914	Solid	Dibenzo(a,h)anthracene		18.000	0.6	4.2	ug/Kg
P5333-12	E2914	Solid	Fluoranthene		87.000	E 0.23	4.2	ug/Kg
P5333-12	E2914	Solid	Fluorene		3.500	J 0.28	4.2	ug/Kg
P5333-12	E2914	Solid	Indeno(1,2,3-cd)pyrene		47.000	0.67	4.2	ug/Kg
P5333-12	E2914	Solid	Naphthalene		29.000	0.26	4.2	ug/Kg
P5333-12	E2914	Solid	Phenanthrene		64.000	0.23	4.2	ug/Kg
P5333-12	E2914	Solid	Pyrene		69.000	E 0.31	4.2	ug/Kg
			Total Svoc :	809.60				
			Total Concentration:	809.60				
Client ID : E2915								
P5333-13	E2915	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
			Total Tics :	0.00				
P5333-13	E2915	Solid	1-Methylnaphthalene		18.000	0.69	4.4	ug/Kg
P5333-13	E2915	Solid	2-Methylnaphthalene		40.000	0.25	4.4	ug/Kg
P5333-13	E2915	Solid	Acenaphthene		3.900	J 0.24	4.4	ug/Kg
P5333-13	E2915	Solid	Acenaphthylene		5.800	0.44	4.4	ug/Kg
P5333-13	E2915	Solid	Anthracene		9.300	0.22	4.4	ug/Kg
P5333-13	E2915	Solid	Benzo(a)anthracene		53.000	0.12	4.4	ug/Kg
P5333-13	E2915	Solid	Benzo(a)pyrene		54.000	0.42	4.4	ug/Kg
P5333-13	E2915	Solid	Benzo(b)fluoranthene		85.000	E 0.62	4.4	ug/Kg
P5333-13	E2915	Solid	Benzo(g,h,i)perylene		46.000	0.99	4.4	ug/Kg
P5333-13	E2915	Solid	Benzo(k)fluoranthene		21.000	0.42	4.4	ug/Kg
P5333-13	E2915	Solid	Chrysene		62.000	0.33	4.4	ug/Kg
P5333-13	E2915	Solid	Dibenzo(a,h)anthracene		11.000	0.62	4.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-13	E2915	Solid	Fluoranthene	85.000	E	0.24	4.4	ug/Kg
P5333-13	E2915	Solid	Fluorene	3.500	J	0.29	4.4	ug/Kg
P5333-13	E2915	Solid	Indeno(1,2,3-cd)pyrene	33.000		0.69	4.4	ug/Kg
P5333-13	E2915	Solid	Naphthalene	37.000		0.26	4.4	ug/Kg
P5333-13	E2915	Solid	Phenanthrene	70.000		0.24	4.4	ug/Kg
P5333-13	E2915	Solid	Pyrene	71.000	E	0.32	4.4	ug/Kg
Total Svoc :				708.50				
Total Concentration:				708.50				
Client ID : E2916								
P5333-14	E2916	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
Total Tics :				0.00				
P5333-14	E2916	Solid	1-Methylnaphthalene	3.800	J	0.61	3.9	ug/Kg
P5333-14	E2916	Solid	2-Methylnaphthalene	9.200		0.22	3.9	ug/Kg
P5333-14	E2916	Solid	Acenaphthene	3.100	J	0.21	3.9	ug/Kg
P5333-14	E2916	Solid	Acenaphthylene	4.300		0.39	3.9	ug/Kg
P5333-14	E2916	Solid	Anthracene	9.100		0.2	3.9	ug/Kg
P5333-14	E2916	Solid	Benzo(a)anthracene	62.000		0.11	3.9	ug/Kg
P5333-14	E2916	Solid	Benzo(a)pyrene	92.000	E	0.38	3.9	ug/Kg
P5333-14	E2916	Solid	Benzo(b)fluoranthene	120.000	E	0.55	3.9	ug/Kg
P5333-14	E2916	Solid	Benzo(g,h,i)perylene	66.000	E	0.88	3.9	ug/Kg
P5333-14	E2916	Solid	Benzo(k)fluoranthene	41.000		0.38	3.9	ug/Kg
P5333-14	E2916	Solid	Chrysene	66.000	E	0.29	3.9	ug/Kg
P5333-14	E2916	Solid	Dibenzo(a,h)anthracene	15.000		0.55	3.9	ug/Kg
P5333-14	E2916	Solid	Fluoranthene	87.000	E	0.21	3.9	ug/Kg
P5333-14	E2916	Solid	Fluorene	2.700	J	0.26	3.9	ug/Kg
P5333-14	E2916	Solid	Indeno(1,2,3-cd)pyrene	50.000		0.61	3.9	ug/Kg
P5333-14	E2916	Solid	Naphthalene	8.100		0.24	3.9	ug/Kg
P5333-14	E2916	Solid	Phenanthrene	37.000		0.21	3.9	ug/Kg
P5333-14	E2916	Solid	Pyrene	77.000	E	0.28	3.9	ug/Kg
Total Svoc :				753.30				
Total Concentration:				753.30				
Client ID : E2917								
P5333-15	E2917	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
Total Tics :				0.00				
P5333-15	E2917	Solid	1-Methylnaphthalene	12.000		0.67	4.3	ug/Kg
P5333-15	E2917	Solid	2-Methylnaphthalene	27.000		0.25	4.3	ug/Kg
P5333-15	E2917	Solid	Acenaphthene	5.600		0.23	4.3	ug/Kg
P5333-15	E2917	Solid	Acenaphthylene	6.100		0.43	4.3	ug/Kg
P5333-15	E2917	Solid	Anthracene	25.000		0.22	4.3	ug/Kg
P5333-15	E2917	Solid	Benzo(a)anthracene	120.000	E	0.12	4.3	ug/Kg

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SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-15	E2917	Solid	Benzo(a)pyrene	140.000	E	0.42	4.3	ug/Kg
P5333-15	E2917	Solid	Benzo(b)fluoranthene	190.000	E	0.61	4.3	ug/Kg
P5333-15	E2917	Solid	Benzo(g,h,i)perylene	98.000	E	0.97	4.3	ug/Kg
P5333-15	E2917	Solid	Benzo(k)fluoranthene	59.000		0.42	4.3	ug/Kg
P5333-15	E2917	Solid	Chrysene	120.000	E	0.32	4.3	ug/Kg
P5333-15	E2917	Solid	Dibenzo(a,h)anthracene	23.000		0.61	4.3	ug/Kg
P5333-15	E2917	Solid	Fluoranthene	230.000	E	0.23	4.3	ug/Kg
P5333-15	E2917	Solid	Fluorene	6.900		0.29	4.3	ug/Kg
P5333-15	E2917	Solid	Indeno(1,2,3-cd)pyrene	73.000	E	0.67	4.3	ug/Kg
P5333-15	E2917	Solid	Naphthalene	18.000		0.26	4.3	ug/Kg
P5333-15	E2917	Solid	Phenanthrene	110.000	E	0.23	4.3	ug/Kg
P5333-15	E2917	Solid	Pyrene	190.000	E	0.31	4.3	ug/Kg
Total Svoc :				1,453.60				
Total Concentration:				1,453.60				

Client ID : E2918

P5333-16	E2918	Solid	Total Alkanes	*	0.000	1.2	8.8	ug/Kg
Total Tics :				0.00				
P5333-16	E2918	Solid	1-Methylnaphthalene		10.000	0.68	4.3	ug/Kg
P5333-16	E2918	Solid	2-Methylnaphthalene		23.000	0.25	4.3	ug/Kg
P5333-16	E2918	Solid	Acenaphthene		3.700	J 0.24	4.3	ug/Kg
P5333-16	E2918	Solid	Acenaphthylene		3.900	J 0.43	4.3	ug/Kg
P5333-16	E2918	Solid	Anthracene		9.900	0.22	4.3	ug/Kg
P5333-16	E2918	Solid	Benzo(a)anthracene		110.000	E 0.12	4.3	ug/Kg
P5333-16	E2918	Solid	Benzo(a)pyrene		170.000	E 0.42	4.3	ug/Kg
P5333-16	E2918	Solid	Benzo(b)fluoranthene		220.000	E 0.62	4.3	ug/Kg
P5333-16	E2918	Solid	Benzo(g,h,i)perylene		120.000	E 0.99	4.3	ug/Kg
P5333-16	E2918	Solid	Benzo(k)fluoranthene		67.000	0.42	4.3	ug/Kg
P5333-16	E2918	Solid	Chrysene		130.000	E 0.33	4.3	ug/Kg
P5333-16	E2918	Solid	Dibenzo(a,h)anthracene		28.000	0.62	4.3	ug/Kg
P5333-16	E2918	Solid	Fluoranthene		120.000	E 0.24	4.3	ug/Kg
P5333-16	E2918	Solid	Fluorene		3.600	J 0.29	4.3	ug/Kg
P5333-16	E2918	Solid	Indeno(1,2,3-cd)pyrene		92.000	E 0.68	4.3	ug/Kg
P5333-16	E2918	Solid	Naphthalene		16.000	0.26	4.3	ug/Kg
P5333-16	E2918	Solid	Phenanthrene		52.000	0.24	4.3	ug/Kg
P5333-16	E2918	Solid	Pyrene		120.000	E 0.32	4.3	ug/Kg
Total Svoc :				1,299.10				
Total Concentration:				1,299.10				

Client ID : E2919

P5333-17	E2919	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
Total Tics :				0.00				

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-17	E2919	Solid	1-Methylnaphthalene	8.400		0.67	4.2	ug/Kg
P5333-17	E2919	Solid	2-Methylnaphthalene	20.000		0.24	4.2	ug/Kg
P5333-17	E2919	Solid	Acenaphthene	5.100		0.23	4.2	ug/Kg
P5333-17	E2919	Solid	Acenaphthylene	3.600	J	0.42	4.2	ug/Kg
P5333-17	E2919	Solid	Anthracene	9.300		0.22	4.2	ug/Kg
P5333-17	E2919	Solid	Benzo(a)anthracene	140.000	E	0.12	4.2	ug/Kg
P5333-17	E2919	Solid	Benzo(a)pyrene	240.000	E	0.41	4.2	ug/Kg
P5333-17	E2919	Solid	Benzo(b)fluoranthene	300.000	E	0.6	4.2	ug/Kg
P5333-17	E2919	Solid	Benzo(g,h,i)perylene	170.000	E	0.96	4.2	ug/Kg
P5333-17	E2919	Solid	Benzo(k)fluoranthene	91.000	E	0.41	4.2	ug/Kg
P5333-17	E2919	Solid	Chrysene	160.000	E	0.32	4.2	ug/Kg
P5333-17	E2919	Solid	Dibenzo(a,h)anthracene	39.000		0.6	4.2	ug/Kg
P5333-17	E2919	Solid	Fluoranthene	140.000	E	0.23	4.2	ug/Kg
P5333-17	E2919	Solid	Fluorene	3.200	J	0.28	4.2	ug/Kg
P5333-17	E2919	Solid	Indeno(1,2,3-cd)pyrene	130.000	E	0.67	4.2	ug/Kg
P5333-17	E2919	Solid	Naphthalene	15.000		0.26	4.2	ug/Kg
P5333-17	E2919	Solid	Phenanthrene	43.000		0.23	4.2	ug/Kg
P5333-17	E2919	Solid	Pyrene	140.000	E	0.31	4.2	ug/Kg

Total Svoc : 1,657.60

Total Concentration: 1,657.60

Client ID : E2920

P5333-18	E2920	Solid	Total Alkanes	*	0.000	1.2	9	ug/Kg
Total Tics :					0.00			
P5333-18	E2920	Solid	1-Methylnaphthalene		20.000	0.69	4.4	ug/Kg
P5333-18	E2920	Solid	2-Methylnaphthalene		67.000	0.25	4.4	ug/Kg
P5333-18	E2920	Solid	Acenaphthene		11.000	0.24	4.4	ug/Kg
P5333-18	E2920	Solid	Acenaphthylene		5.700	0.44	4.4	ug/Kg
P5333-18	E2920	Solid	Anthracene		29.000	0.23	4.4	ug/Kg
P5333-18	E2920	Solid	Benzo(a)anthracene		320.000	E 0.12	4.4	ug/Kg
P5333-18	E2920	Solid	Benzo(a)pyrene		460.000	E 0.43	4.4	ug/Kg
P5333-18	E2920	Solid	Benzo(b)fluoranthene		580.000	E 0.63	4.4	ug/Kg
P5333-18	E2920	Solid	Benzo(g,h,i)perylene		320.000	E 1	4.4	ug/Kg
P5333-18	E2920	Solid	Benzo(k)fluoranthene		180.000	E 0.43	4.4	ug/Kg
P5333-18	E2920	Solid	Chrysene		360.000	E 0.33	4.4	ug/Kg
P5333-18	E2920	Solid	Dibenzo(a,h)anthracene		78.000	E 0.63	4.4	ug/Kg
P5333-18	E2920	Solid	Fluoranthene		400.000	E 0.24	4.4	ug/Kg
P5333-18	E2920	Solid	Fluorene		7.800	0.29	4.4	ug/Kg
P5333-18	E2920	Solid	Indeno(1,2,3-cd)pyrene		240.000	E 0.69	4.4	ug/Kg
P5333-18	E2920	Solid	Naphthalene		36.000	0.27	4.4	ug/Kg
P5333-18	E2920	Solid	Phenanthrene		150.000	E 0.24	4.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-18	E2920	Solid	Pyrene	370.000	E	0.32	4.4	ug/Kg
Total Svoc :				3,634.50				
Total Concentration:				3,634.50				
Client ID : E2921								
P5333-19	E2921	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
Total Tics :				0.00				
P5333-19	E2921	Solid	1-Methylnaphthalene	1.300	J	0.66	4.2	ug/Kg
P5333-19	E2921	Solid	2-Methylnaphthalene	1.200	J	0.24	4.2	ug/Kg
P5333-19	E2921	Solid	Acenaphthene	2.500	J	0.23	4.2	ug/Kg
P5333-19	E2921	Solid	Acenaphthylene	1.900	J	0.42	4.2	ug/Kg
P5333-19	E2921	Solid	Anthracene	8.700		0.21	4.2	ug/Kg
P5333-19	E2921	Solid	Benzo(a)anthracene	31.000		0.12	4.2	ug/Kg
P5333-19	E2921	Solid	Benzo(a)pyrene	33.000		0.4	4.2	ug/Kg
P5333-19	E2921	Solid	Benzo(b)fluoranthene	47.000		0.59	4.2	ug/Kg
P5333-19	E2921	Solid	Benzo(g,h,i)perylene	22.000		0.95	4.2	ug/Kg
P5333-19	E2921	Solid	Benzo(k)fluoranthene	13.000		0.4	4.2	ug/Kg
P5333-19	E2921	Solid	Chrysene	29.000		0.32	4.2	ug/Kg
P5333-19	E2921	Solid	Dibenzo(a,h)anthracene	5.000		0.59	4.2	ug/Kg
P5333-19	E2921	Solid	Fluoranthene	68.000	E	0.23	4.2	ug/Kg
P5333-19	E2921	Solid	Fluorene	2.200	J	0.28	4.2	ug/Kg
P5333-19	E2921	Solid	Indeno(1,2,3-cd)pyrene	18.000		0.66	4.2	ug/Kg
P5333-19	E2921	Solid	Naphthalene	1.300	J	0.25	4.2	ug/Kg
P5333-19	E2921	Solid	Phenanthrene	34.000		0.23	4.2	ug/Kg
P5333-19	E2921	Solid	Pyrene	54.000		0.3	4.2	ug/Kg
Total Svoc :				373.10				
Total Concentration:				373.10				
Client ID : E2923								
P5333-20	E2923	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P5333-20	E2923	Solid	1-Methylnaphthalene	2.000	J	0.64	4	ug/Kg
P5333-20	E2923	Solid	2-Methylnaphthalene	2.200	J	0.23	4	ug/Kg
P5333-20	E2923	Solid	Acenaphthene	3.500	J	0.22	4	ug/Kg
P5333-20	E2923	Solid	Acenaphthylene	2.900	J	0.4	4	ug/Kg
P5333-20	E2923	Solid	Anthracene	14.000		0.21	4	ug/Kg
P5333-20	E2923	Solid	Benzo(a)anthracene	56.000		0.11	4	ug/Kg
P5333-20	E2923	Solid	Benzo(a)pyrene	57.000		0.39	4	ug/Kg
P5333-20	E2923	Solid	Benzo(b)fluoranthene	84.000	E	0.58	4	ug/Kg
P5333-20	E2923	Solid	Benzo(g,h,i)perylene	39.000		0.92	4	ug/Kg
P5333-20	E2923	Solid	Benzo(k)fluoranthene	27.000		0.39	4	ug/Kg
P5333-20	E2923	Solid	Chrysene	53.000		0.31	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-20	E2923	Solid	Dibenzo(a,h)anthracene	9.600		0.58	4	ug/Kg
P5333-20	E2923	Solid	Fluoranthene	120.000	E	0.22	4	ug/Kg
P5333-20	E2923	Solid	Fluorene	4.200		0.27	4	ug/Kg
P5333-20	E2923	Solid	Indeno(1,2,3-cd)pyrene	31.000		0.64	4	ug/Kg
P5333-20	E2923	Solid	Naphthalene	2.600	J	0.25	4	ug/Kg
P5333-20	E2923	Solid	Phenanthrene	62.000		0.22	4	ug/Kg
P5333-20	E2923	Solid	Pyrene	94.000	E	0.29	4	ug/Kg

Total Svoc : 664.00
Total Concentration: 664.00

Client ID : E1PK9

P5348-05	E1PK9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		

Client ID : E1PL1

P5348-06	E1PL1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		

Client ID : E2927

P5353-01	E2927	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P5353-01	E2927	Water	Naphthalene		0.020	J 0.0043	0.1	ug/L
Total Svoc :						0.02		
Total Concentration:						0.02		

Client ID : E2928

P5353-03	E2928	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P5353-03	E2928	Water	Benzo(a)anthracene		0.030	J 0.0036	0.1	ug/L
P5353-03	E2928	Water	Benzo(b)fluoranthene		0.040	J 0.013	0.1	ug/L
P5353-03	E2928	Water	Benzo(g,h,i)perylene		0.040	J 0.022	0.1	ug/L
P5353-03	E2928	Water	Benzo(k)fluoranthene		0.040	J 0.0098	0.1	ug/L
P5353-03	E2928	Water	Chrysene		0.030	J 0.0077	0.1	ug/L
P5353-03	E2928	Water	Dibenzo(a,h)anthracene		0.030	J 0.014	0.1	ug/L
P5353-03	E2928	Water	Fluoranthene		0.030	J 0.0079	0.1	ug/L
P5353-03	E2928	Water	Indeno(1,2,3-cd)pyrene		0.040	J 0.017	0.1	ug/L
P5353-03	E2928	Water	Naphthalene		0.030	J 0.0043	0.1	ug/L
Total Svoc :						0.31		
Total Concentration:						0.31		

Client ID : YE692



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

Hit Summary Sheet
SW-846

SDG No.: BM122324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5379-01	YE692	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM121824 SAS No.: BM121824 SDG No.: BM121824
Instrument ID: _____ Calibration Date(s): 12/18/2024
Calibration Time(s): 11:59

LAB FILE ID:		RRFAL1 = BM049044.D			RRFAL2 = BM049045.D		RRFAL3 = BM049046.D	
		RRFAL4 = BM049047.D			RRFAL5 = BM049048.D		RRFAL6 = BM049049.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.585	0.657	0.500	0.488	0.467	0.539	14.8
1,4-Dioxane-d8		0.482	0.532	0.442	0.431	0.420	0.461	10.0
Naphthalene	0.982	0.990	1.138	0.960	0.936		1.001	7.9
1-Methylnaphthalene	0.651	0.634	0.734	0.616	0.613		0.650	7.6
2-Methylnaphthalene	0.619	0.621	0.724	0.606	0.602		0.634	8.0
Acenaphthylene	1.642	1.610	1.886	1.587	1.565		1.658	7.9
Acenaphthene	1.195	1.174	1.371	1.162	1.149		1.210	7.6
Fluorene	1.348	1.317	1.541	1.311	1.309		1.365	7.3
Pentachlorophenol		0.093	0.119	0.104	0.115	0.123	0.111	10.9
Phenanthrene	1.044	1.028	1.144	1.013	0.994		1.045	5.6
Anthracene	0.943	0.927	1.060	0.936	0.929		0.959	5.9
Fluoranthene	1.426	1.394	1.614	1.401	1.395		1.446	6.6
Pyrene	1.548	1.498	1.715	1.484	1.467		1.542	6.6
Benzo(a)anthracene	1.377	1.350	1.544	1.336	1.349		1.391	6.2
Chrysene	1.526	1.502	1.686	1.399	1.353		1.493	8.7
Benzo(b)fluoranthene	1.251	1.234	1.434	1.232	1.239		1.278	6.8
Benzo(k)fluoranthene	1.410	1.388	1.575	1.344	1.294		1.402	7.6
Benzo(a)pyrene	1.196	1.199	1.387	1.184	1.161		1.226	7.5
Indeno(1,2,3-cd)pyrene	1.733	1.687	1.935	1.679	1.638		1.734	6.8
Dibenzo(a,h)anthracene	1.317	1.326	1.511	1.312	1.273		1.348	6.9
Benzo(g,h,i)perylene	1.406	1.367	1.562	1.343	1.296		1.395	7.3
Fluoranthene-d10	1.129	1.103	1.260	1.094	1.089		1.135	6.3
2-Methylnaphthalene-d10	0.518	0.533	0.613	0.515	0.508		0.538	8.1

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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 11:27

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	4849	7.569	14312	10.33	8144	14.20
	UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
	LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
	EPA SAMPLE NO.						
01	SBLK769	8771	7.55	25083	10.31	13559	14.19
02	SBLK772	5931	7.56	16857	10.31	8802	14.19
03	E28Z3	5954	7.56	17487	10.31	9766	14.19
04	E28Y9DL	5751	7.56	17036	10.32	9520	14.19
05	E2AN6DL	6884	7.56	20107	10.32	11534	14.19
06	E2AP5DL	6653	7.56	19411	10.32	11211	14.19
07	E2AW2	5728	7.56	16852	10.32	9298	14.19
08	E2AX4	5845	7.55	17257	10.31	9506	14.19
09	E1PK9	4567	7.55	13641	10.32	7606	14.19
10	E1PL1	4470	7.55	13290	10.32	7376	14.19
11	E2AX4MS	4870	7.56	13825	10.32	7924	14.19
12	E2AX4MSD	4928	7.56	13881	10.32	7933	14.19
13	E2927	3818	7.55	11047	10.31	6060	14.19
14	SLCS813	3652	7.56	10149	10.32	5688	14.19
15	SLCS769	3931	7.56	10971	10.32	6121	14.19
16	SBLK780	4749	7.55	13239	10.32	7131	14.19
17	SBLK813	3632	7.55	10154	10.31	5482	14.19
18	E2904	5884	7.55	17174	10.31	9509	14.19
19	E2905	6133	7.55	18393	10.31	10147	14.19
20	E2910	6097	7.55	18592	10.31	10837	14.19
21	E2AR7	4859	7.55	14401	10.32	7996	14.19
22	E2AR8	5601	7.55	16423	10.31	9103	14.19
23	E2AR9	5476	7.55	16268	10.31	9153	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 02:52

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	4849	7.569	14312	10.33	8144	14.20
	UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
	LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
	EPA SAMPLE NO.						
24	E2AS1	5232	7.55	15811	10.31	8711	14.19
25	E2AN7	5150	7.55	15353	10.31	8413	14.19
26	E2AP8	5518	7.55	16467	10.31	9155	14.19
27	E2914	6165	7.55	18798	10.31	10681	14.19
28	E2AQ3	6106	7.55	18431	10.31	10536	14.19
29	E2AR0	7155	7.55	21829	10.31	12060	14.19
30	E2AQ2	5974	7.55	17958	10.31	9908	14.19
31	SLCS772	5593	7.55	16523	10.31	9752	14.19
32	SBLK752	4956	7.55	14435	10.31	7825	14.19
33	SBLK769	9540	7.55	27510	10.31	15319	14.19
34	E2AQ1	5095	7.55	15064	10.31	8376	14.19
35	E2AQ1MS	5519	7.55	16319	10.32	9344	14.19
36	E2AQ1MSD	4875	7.55	14814	10.31	8425	14.19
37	E2907	6770	7.55	20325	10.31	11356	14.19
38	E2912	7132	7.55	22563	10.31	12909	14.18
39	E2911	9106	7.55	29157 *	10.31	16380 *	14.19
40	E2917	7488	7.55	23554	10.31	13484	14.19
41	E2918	7097	7.55	22126	10.31	12600	14.19
42	E2916	7325	7.55	22693	10.31	12752	14.19
43	E2AQ0	7681	7.55	23995	10.31	13386	14.19
44	E2AR6	6358	7.55	19603	10.31	10791	14.19
45	E2AR6MS	6104	7.55	19345	10.31	11261	14.19
46	E2AR6MSD	6615	7.55	20634	10.31	12050	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 17:42

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	4849	7.569	14312	10.33	8144	14.20
	UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
	LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
	EPA SAMPLE NO.						
47	SLCS780	5638	7.55	17522	10.32	10418	14.19
48	SBLK772	8361	7.55	25538	10.31	13910	14.19
49	SBLK752	5362	7.55	16185	10.31	8804	14.19
50	E2928	4809	7.55	14566	10.31	8141	14.19
51	YE692	5035	7.55	15090	10.31	8334	14.18
52	E2AT7	6967	7.55	21054	10.31	11698	14.18
53	E2AT8	6316	7.55	19233	10.31	10610	14.18
54	E2AT9	6916	7.55	20840	10.31	11226	14.19
55	E2921	5572	7.55	17088	10.31	9414	14.19
56	E2AS0	7258	7.55	21999	10.31	12085	14.18
57	E2923	6500	7.55	19963	10.31	11061	14.19
58	E2923MS	6260	7.55	19402	10.31	11340	14.19
59	E2923MSD	6088	7.55	18851	10.31	10904	14.18
60	E2915	7285	7.55	22590	10.31	12751	14.18
61	E2906	10287 *	7.55	33360 *	10.31	20428 *	14.18
62	E2AT3	7917	7.55	25076	10.31	14447	14.19
63	SBLK752	6961	7.55	21751	10.31	11951	14.19
64	E2909	7840	7.55	25080	10.30	14357	14.18
65	E2913	7789	7.55	25347	10.30	19282 *	14.18
66	E2920	7194	7.55	22854	10.30	13372	14.18
67	E2919	7328	7.55	23030	10.31	13054	14.18
68	E2908	7390	7.55	23335	10.31	13157	14.18
69	E2AR1	7521	7.55	23775	10.31	13329	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 25 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 09:43

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	4849	7.569	14312	10.33	8144	14.20
UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
EPA SAMPLE NO.						
70 SLCS752	6611	7.55	21260	10.31	12540	14.18
71 E2AP9	7926	7.55	24963	10.31	13839	14.18

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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4122 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049140.D Time Analyzed: 11:27

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	5069	7.556	14366	10.32	7701	14.19
UPPER LIMIT	10138	8.056	28732	10.819	15402	14.691
LOWER LIMIT	2534.5	7.056	7183	9.819	3850.5	13.691
EPA SAMPLE NO.						
01 SBLK769	8771	7.55	25083	10.31	13559	14.19
02 SBLK772	5931	7.56	16857	10.31	8802	14.19
03 E28Z3	5954	7.56	17487	10.31	9766	14.19
04 E28Y9DL	5751	7.56	17036	10.32	9520	14.19
05 E2AN6DL	6884	7.56	20107	10.32	11534	14.19
06 E2AP5DL	6653	7.56	19411	10.32	11211	14.19
07 E2AW2	5728	7.56	16852	10.32	9298	14.19
08 E2AX4	5845	7.55	17257	10.31	9506	14.19
09 E1PK9	4567	7.55	13641	10.32	7606	14.19
10 E1PL1	4470	7.55	13290	10.32	7376	14.19
11 E2AX4MS	4870	7.56	13825	10.32	7924	14.19
12 E2AX4MSD	4928	7.56	13881	10.32	7933	14.19
13 E2927	3818	7.55	11047	10.31	6060	14.19
14 SLCS813	3652	7.56	10149	10.32	5688	14.19
15 SLCS769	3931	7.56	10971	10.32	6121	14.19

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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4123 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049156.D Time Analyzed: 22:08

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	3789	7.556	10507	10.32	5917	14.19
	UPPER LIMIT	7578	8.056	21014	10.819	11834	14.691
	LOWER LIMIT	1894.5	7.056	5253.5	9.819	2958.5	13.691
	EPA SAMPLE NO.						
01	SBLK780	4749	7.55	13239	10.32	7131	14.19
02	SBLK813	3632	7.55	10154	10.31	5482	14.19
03	E2904	5884	7.55	17174	10.31	9509	14.19
04	E2905	6133	7.55	18393	10.31	10147	14.19
05	E2910	6097	7.55	18592	10.31	10837	14.19
06	E2AR7	4859	7.55	14401	10.32	7996	14.19
07	E2AR8	5601	7.55	16423	10.31	9103	14.19
08	E2AR9	5476	7.55	16268	10.31	9153	14.19
09	E2AS1	5232	7.55	15811	10.31	8711	14.19
10	E2AN7	5150	7.55	15353	10.31	8413	14.19
11	E2AP8	5518	7.55	16467	10.31	9155	14.19
12	E2914	6165	7.55	18798	10.31	10681	14.19
13	E2AQ3	6106	7.55	18431	10.31	10536	14.19
14	E2AR0	7155	7.55	21829 *	10.31	12060 *	14.19
15	E2AQ2	5974	7.55	17958	10.31	9908	14.19
16	SLCS772	5593	7.55	16523	10.31	9752	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4123 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049156.D Time Analyzed: 07:01

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	3789	7.556	10507	10.32	5917	14.19
UPPER LIMIT	7578	8.056	21014	10.819	11834	14.691
LOWER LIMIT	1894.5	7.056	5253.5	9.819	2958.5	13.691
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4124 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049173.D Time Analyzed: 08:47

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	4857	7.556	14116	10.31	8390	14.19
	UPPER LIMIT	9714	8.056	28232	10.814	16780	14.686
	LOWER LIMIT	2428.5	7.056	7058	9.814	4195	13.686
	EPA SAMPLE NO.						
01	SBLK752	4956	7.55	14435	10.31	7825	14.19
02	SBLK769	9540	7.55	27510	10.31	15319	14.19
03	E2AQ1	5095	7.55	15064	10.31	8376	14.19
04	E2AQ1MS	5519	7.55	16319	10.32	9344	14.19
05	E2AQ1MSD	4875	7.55	14814	10.31	8425	14.19
06	E2907	6770	7.55	20325	10.31	11356	14.19
07	E2912	7132	7.55	22563	10.31	12909	14.18
08	E2911	9106	7.55	29157 *	10.31	16380	14.19
09	E2917	7488	7.55	23554	10.31	13484	14.19
10	E2918	7097	7.55	22126	10.31	12600	14.19
11	E2916	7325	7.55	22693	10.31	12752	14.19
12	E2AQ0	7681	7.55	23995	10.31	13386	14.19
13	E2AR6	6358	7.55	19603	10.31	10791	14.19
14	E2AR6MS	6104	7.55	19345	10.31	11261	14.19
15	E2AR6MSD	6615	7.55	20634	10.31	12050	14.19
16	SLCS780	5638	7.55	17522	10.32	10418	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4124 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049173.D Time Analyzed: 17:42

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	4857	7.556	14116	10.31	8390	14.19
UPPER LIMIT	9714	8.056	28232	10.814	16780	14.686
LOWER LIMIT	2428.5	7.056	7058	9.814	4195	13.686
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4125 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049190.D Time Analyzed: 19:29

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	6078	7.552	18761	10.32	11021	14.19
UPPER LIMIT	12156	8.052	37522	10.815	22042	14.688
LOWER LIMIT	3039	7.052	9380.5	9.815	5510.5	13.688
EPA SAMPLE NO.						
01 SBLK772	8361	7.55	25538	10.31	13910	14.19
02 SBLK752	5362	7.55	16185	10.31	8804	14.19
03 E2928	4809	7.55	14566	10.31	8141	14.19
04 YE692	5035	7.55	15090	10.31	8334	14.18
05 E2AT7	6967	7.55	21054	10.31	11698	14.18
06 E2AT8	6316	7.55	19233	10.31	10610	14.18
07 E2AT9	6916	7.55	20840	10.31	11226	14.19
08 E2921	5572	7.55	17088	10.31	9414	14.19
09 E2AS0	7258	7.55	21999	10.31	12085	14.18
10 E2923	6500	7.55	19963	10.31	11061	14.19
11 E2923MS	6260	7.55	19402	10.31	11340	14.19
12 E2923MSD	6088	7.55	18851	10.31	10904	14.18
13 E2915	7285	7.55	22590	10.31	12751	14.18
14 E2906	10287	7.55	33360	10.31	20428	14.18
15 E2AT3	7917	7.55	25076	10.31	14447	14.19

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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4126 Date Analyzed: Dec 25 2024 12:00AM

Lab File ID: BM049206.D Time Analyzed: 05:34

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	6062	7.552	19220	10.31	11530	14.19
UPPER LIMIT	12124	8.052	38440	10.809	23060	14.687
LOWER LIMIT	3031	7.052	9610	9.809	5765	13.687
EPA SAMPLE NO.						
01 SBLK752	6961	7.55	21751	10.31	11951	14.19
02 E2909	7840	7.55	25080	10.30	14357	14.18
03 E2913	7789	7.55	25347	10.30	19282	14.18
04 E2920	7194	7.55	22854	10.30	13372	14.18
05 E2919	7328	7.55	23030	10.31	13054	14.18
06 E2908	7390	7.55	23335	10.31	13157	14.18
07 E2AR1	7521	7.55	23775	10.31	13329	14.18
08 SLCS752	6611	7.55	21260	10.31	12540	14.18
09 E2AP9	7926	7.55	24963	10.31	13839	14.18

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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 11:27

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	17209	16.95	14990	21.146	17133	23.306
	UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
	LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
	EPA SAMPLE NO.						
01	SBLK769	29152	16.94	22904	21.14	23600	23.29
02	SBLK772	19021	16.94	14514	21.14	15588	23.29
03	E28Z3	21110	16.94	17767	21.14	17463	23.29
04	E28Y9DL	20590	16.94	16998	21.14	16995	23.30
05	E2AN6DL	24019	16.94	20156	21.14	20466	23.29
06	E2AP5DL	23440	16.94	19829	21.14	20012	23.30
07	E2AW2	20433	16.94	15421	21.15	15298	23.30
08	E2AX4	20740	16.94	15746	21.14	16389	23.30
09	E1PK9	16460	16.94	12883	21.14	12121	23.29
10	E1PL1	16019	16.94	12156	21.14	11718	23.29
11	E2AX4MS	16217	16.94	13623	21.14	15052	23.29
12	E2AX4MSD	16290	16.94	13942	21.14	15804	23.29
13	E2927	12955	16.94	10140	21.14	10071	23.29
14	SLCS813	11368	16.94	10015	21.14	11505	23.30
15	SLCS769	12500	16.94	10762	21.14	12133	23.30
16	SBLK780	15657	16.94	12795	21.14	12392	23.29
17	SBLK813	12068	16.94	9840	21.14	10102	23.29
18	E2904	21727	16.94	19800	21.14	20229	23.29
19	E2905	22200	16.94	19704	21.14	19797	23.29
20	E2910	24195	16.94	20208	21.14	19201	23.29
21	E2AR7	17429	16.94	15028	21.14	14746	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049046.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	17209	16.95	14990	21.146	17133	23.306
	UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
	LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
	EPA SAMPLE NO.						
22	E2AR8	20048	16.94	17333	21.14	16633	23.29
23	E2AR9	20359	16.94	18446	21.14	18361	23.29
24	E2AS1	19045	16.94	15723	21.14	14919	23.29
25	E2AN7	18357	16.93	15968	21.14	15452	23.29
26	E2AP8	20400	16.93	18408	21.14	18041	23.29
27	E2914	24349	16.94	22296	21.14	25076	23.29
28	E2AQ3	23131	16.94	20024	21.14	19166	23.29
29	E2AR0	26836	16.93	23025	21.14	22230	23.29
30	E2AQ2	22045	16.94	19361	21.14	18873	23.29
31	SLCS772	20376	16.94	16609	21.14	17078	23.29
32	SBLK752	17142	16.94	13662	21.14	13283	23.29
33	SBLK769	35029 *	16.93	28508	21.14	29363	23.29
34	E2AQ1	19313	16.93	17376	21.14	16450	23.29
35	E2AQ1MS	20322	16.93	18855	21.14	19615	23.29
36	E2AQ1MSD	18368	16.94	17091	21.14	17858	23.29
37	E2907	26620	16.93	22162	21.13	21779	23.29
38	E2912	29905	16.93	25851	21.14	24350	23.29
39	E2911	37125 *	16.93	32069 *	21.14	31484	23.29
40	E2917	32049	16.93	25137	21.14	26267	23.29
41	E2918	28625	16.93	23706	21.14	27785	23.29
42	E2916	28936	16.93	25383	21.14	25411	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 15:19

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	17209	16.95	14990	21.146	17133	23.306
	UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
	LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
	EPA SAMPLE NO.						
43	E2AQ0	29748	16.94	26438	21.14	25746	23.29
44	E2AR6	24115	16.93	20891	21.14	20721	23.29
45	E2AR6MS	23598	16.94	21048	21.14	22537	23.29
46	E2AR6MSD	25790	16.94	23388	21.14	25476	23.29
47	SLCS780	21645	16.94	18090	21.14	19638	23.29
48	SBLK772	31967	16.93	25933	21.14	26628	23.29
49	SBLK752	19249	16.94	14597	21.14	14464	23.29
50	E2928	18176	16.93	14041	21.14	13781	23.29
51	YE692	18410	16.93	14229	21.14	13556	23.29
52	E2AT7	25471	16.93	19193	21.14	18791	23.29
53	E2AT8	23396	16.93	17778	21.14	17534	23.29
54	E2AT9	25398	16.93	20473	21.14	20298	23.29
55	E2921	21307	16.93	18723	21.13	18801	23.29
56	E2AS0	26956	16.93	24248	21.13	23720	23.29
57	E2923	25036	16.93	21014	21.13	20885	23.29
58	E2923MS	24308	16.93	20896	21.13	22766	23.29
59	E2923MSD	23266	16.93	20662	21.13	22572	23.29
60	E2915	29456	16.93	24508	21.13	29151	23.29
61	E2906	46278 *	16.93	39649 *	21.14	45583 *	23.29
62	E2AT3	31674	16.93	26118	21.13	25384	23.29
63	SBLK752	26128	16.93	19971	21.14	19542	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 25 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 06:10

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	17209	16.95	14990	21.146	17133	23.306
UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
EPA SAMPLE NO.						
64 E2909	33392	16.93	28586	21.13	26898	23.29
65 E2913	33615	16.94	25145	21.15	48656 *	23.30
66 E2920	30852	16.93	23429	21.14	27627	23.29
67 E2919	30049	16.93	24465	21.13	27269	23.29
68 E2908	29086	16.93	24985	21.13	28950	23.29
69 E2AR1	29237	16.93	24900	21.14	25059	23.29
70 SLCS752	25189	16.93	21130	21.14	23076	23.29
71 E2AP9	30015	16.93	24973	21.14	25098	23.29

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4122 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049140.D Time Analyzed: 11:27

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	15425	16.942	12919	21.138	14682	23.291
	UPPER LIMIT	30850	17.442	25838	21.638	29364	23.791
	LOWER LIMIT	7712.5	16.442	6459.5	20.638	7341	22.791
	EPA SAMPLE NO.						
01	SBLK769	29152	16.94	22904	21.14	23600	23.29
02	SBLK772	19021	16.94	14514	21.14	15588	23.29
03	E28Z3	21110	16.94	17767	21.14	17463	23.29
04	E28Y9DL	20590	16.94	16998	21.14	16995	23.30
05	E2AN6DL	24019	16.94	20156	21.14	20466	23.29
06	E2AP5DL	23440	16.94	19829	21.14	20012	23.30
07	E2AW2	20433	16.94	15421	21.15	15298	23.30
08	E2AX4	20740	16.94	15746	21.14	16389	23.30
09	E1PK9	16460	16.94	12883	21.14	12121	23.29
10	E1PL1	16019	16.94	12156	21.14	11718	23.29
11	E2AX4MS	16217	16.94	13623	21.14	15052	23.29
12	E2AX4MSD	16290	16.94	13942	21.14	15804	23.29
13	E2927	12955	16.94	10140	21.14	10071	23.29
14	SLCS813	11368	16.94	10015	21.14	11505	23.30
15	SLCS769	12500	16.94	10762	21.14	12133	23.30

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4122 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049140.D Time Analyzed: 20:21

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	15425	16.942	12919	21.138	14682	23.291
UPPER LIMIT	30850	17.442	25838	21.638	29364	23.791
LOWER LIMIT	7712.5	16.442	6459.5	20.638	7341	22.791
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4123 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BM049156.D Time Analyzed: 22:08

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	12485	16.941	10279	21.14	11819	23.297
	UPPER LIMIT	24970	17.441	20558	21.64	23638	23.797
	LOWER LIMIT	6242.5	16.441	5139.5	20.64	5909.5	22.797
	EPA SAMPLE NO.						
01	SBLK780	15657	16.94	12795	21.14	12392	23.29
02	SBLK813	12068	16.94	9840	21.14	10102	23.29
03	E2904	21727	16.94	19800	21.14	20229	23.29
04	E2905	22200	16.94	19704	21.14	19797	23.29
05	E2910	24195	16.94	20208	21.14	19201	23.29
06	E2AR7	17429	16.94	15028	21.14	14746	23.29
07	E2AR8	20048	16.94	17333	21.14	16633	23.29
08	E2AR9	20359	16.94	18446	21.14	18361	23.29
09	E2AS1	19045	16.94	15723	21.14	14919	23.29
10	E2AN7	18357	16.93	15968	21.14	15452	23.29
11	E2AP8	20400	16.93	18408	21.14	18041	23.29
12	E2914	24349	16.94	22296 *	21.14	25076 *	23.29
13	E2AQ3	23131	16.94	20024	21.14	19166	23.29
14	E2AR0	26836 *	16.93	23025 *	21.14	22230	23.29
15	E2AQ2	22045	16.94	19361	21.14	18873	23.29
16	SLCS772	20376	16.94	16609	21.14	17078	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4123 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049156.D Time Analyzed: 07:01

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	12485	16.941	10279	21.14	11819	23.297
UPPER LIMIT	24970	17.441	20558	21.64	23638	23.797
LOWER LIMIT	6242.5	16.441	5139.5	20.64	5909.5	22.797
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4124 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049173.D Time Analyzed: 08:47

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	17508	16.937	14132	21.137	15185	23.291
	UPPER LIMIT	35016	17.437	28264	21.637	30370	23.791
	LOWER LIMIT	8754	16.437	7066	20.637	7592.5	22.791
	EPA SAMPLE NO.						
01	SBLK752	17142	16.94	13662	21.14	13283	23.29
02	SBLK769	35029 *	16.93	28508 *	21.14	29363	23.29
03	E2AQ1	19313	16.93	17376	21.14	16450	23.29
04	E2AQ1MS	20322	16.93	18855	21.14	19615	23.29
05	E2AQ1MSD	18368	16.94	17091	21.14	17858	23.29
06	E2907	26620	16.93	22162	21.13	21779	23.29
07	E2912	29905	16.93	25851	21.14	24350	23.29
08	E2911	37125 *	16.93	32069 *	21.14	31484 *	23.29
09	E2917	32049	16.93	25137	21.14	26267	23.29
10	E2918	28625	16.93	23706	21.14	27785	23.29
11	E2916	28936	16.93	25383	21.14	25411	23.29
12	E2AQ0	29748	16.94	26438	21.14	25746	23.29
13	E2AR6	24115	16.93	20891	21.14	20721	23.29
14	E2AR6MS	23598	16.94	21048	21.14	22537	23.29
15	E2AR6MSD	25790	16.94	23388	21.14	25476	23.29
16	SLCS780	21645	16.94	18090	21.14	19638	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4124 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049173.D Time Analyzed: 17:42

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	17508	16.937	14132	21.137	15185	23.291
UPPER LIMIT	35016	17.437	28264	21.637	30370	23.791
LOWER LIMIT	8754	16.437	7066	20.637	7592.5	22.791
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4125 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BM049190.D Time Analyzed: 19:29

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	23638	16.939	19033	21.14	20737	23.294
	UPPER LIMIT	47276	17.439	38066	21.64	41474	23.794
	LOWER LIMIT	11819	16.439	9516.5	20.64	10368.5	22.794
	EPA SAMPLE NO.						
01	SBLK772	31967	16.93	25933	21.14	26628	23.29
02	SBLK752	19249	16.94	14597	21.14	14464	23.29
03	E2928	18176	16.93	14041	21.14	13781	23.29
04	YE692	18410	16.93	14229	21.14	13556	23.29
05	E2AT7	25471	16.93	19193	21.14	18791	23.29
06	E2AT8	23396	16.93	17778	21.14	17534	23.29
07	E2AT9	25398	16.93	20473	21.14	20298	23.29
08	E2921	21307	16.93	18723	21.13	18801	23.29
09	E2AS0	26956	16.93	24248	21.13	23720	23.29
10	E2923	25036	16.93	21014	21.13	20885	23.29
11	E2923MS	24308	16.93	20896	21.13	22766	23.29
12	E2923MSD	23266	16.93	20662	21.13	22572	23.29
13	E2915	29456	16.93	24508	21.13	29151	23.29
14	E2906	46278	16.93	39649 *	21.14	45583 *	23.29
15	E2AT3	31674	16.93	26118	21.13	25384	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4125 Date Analyzed: Dec 25 2024 12:00AM

Lab File ID: BM049190.D Time Analyzed: 03:47

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	23638	16.939	19033	21.14	20737	23.294
UPPER LIMIT	47276	17.439	38066	21.64	41474	23.794
LOWER LIMIT	11819	16.439	9516.5	20.64	10368.5	22.794
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.: BM122324 SAS No.: BM122324 SDG NO.: BM122324

EPA Sample No.: SSTD0.4126 Date Analyzed: Dec 25 2024 12:00AM

Lab File ID: BM049206.D Time Analyzed: 05:34

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	23420	16.934	19174	21.134	21010	23.288
UPPER LIMIT	46840	17.434	38348	21.634	42020	23.788
LOWER LIMIT	11710	16.434	9587	20.634	10505	22.788
EPA SAMPLE NO.						
01 SBLK752	26128	16.93	19971	21.14	19542	23.29
02 E2909	33392	16.93	28586	21.13	26898	23.29
03 E2913	33615	16.94	25145	21.15	48656 *	23.30
04 E2920	30852	16.93	23429	21.14	27627	23.29
05 E2919	30049	16.93	24465	21.13	27269	23.29
06 E2908	29086	16.93	24985	21.13	28950	23.29
07 E2AR1	29237	16.93	24900	21.14	25059	23.29
08 SLCS752	25189	16.93	21130	21.14	23076	23.29
09 E2AP9	30015	16.93	24973	21.14	25098	23.29

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165752BS	1,4-Dioxane	66.7	41	ug/Kg	61				0	0	
	Naphthalene	13.3	9.9	ug/Kg	74				0	0	
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0	
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0	
	Acenaphthylene	13.3	9.9	ug/Kg	74				0	0	
	Acenaphthene	13.3	9.8	ug/Kg	74				0	0	
	Fluorene	13.3	9.8	ug/Kg	74				0	0	
	Pentachlorophenol	26.7	20	ug/Kg	75				0	0	
	Phenanthrene	13.3	10	ug/Kg	75				0	0	
	Anthracene	13.3	10	ug/Kg	75				0	0	
	Fluoranthene	13.3	12	ug/Kg	90				0	0	
	Pyrene	13.3	11	ug/Kg	83				0	0	
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0	
	Chrysene	13.3	11	ug/Kg	83				0	0	
	Benzo(b)fluoranthene	13.3	10	ug/Kg	75				0	0	
	Benzo(k)fluoranthene	13.3	9.9	ug/Kg	74				0	0	
	Benzo(a)pyrene	13.3	10	ug/Kg	75				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	9.5	ug/Kg	71				0	0	
	Dibenzo(a,h)anthracene	13.3	9.6	ug/Kg	72				0	0	
	Benzo(g,h,i)perylene	13.3	9.4	ug/Kg	71				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165769BS	1,4-Dioxane	2	2.4	ug/L	120				0	0		
	Naphthalene	0.4	0.55	ug/L	138				0	0		
	1-Methylnaphthalene	0.4	0.54	ug/L	135				0	0		
	2-Methylnaphthalene	0.4	0.54	ug/L	135				0	0		
	Acenaphthylene	0.4	0.54	ug/L	135				0	0		
	Acenaphthene	0.4	0.55	ug/L	138				0	0		
	Fluorene	0.4	0.55	ug/L	138				0	0		
	Pentachlorophenol	0.8	0.95	ug/L	119				0	0		
	Phenanthrene	0.4	0.56	ug/L	140				0	0		
	Anthracene	0.4	0.55	ug/L	138				0	0		
	Fluoranthene	0.4	0.58	ug/L	145				0	0		
	Pyrene	0.4	0.57	ug/L	143				0	0		
	Benzo(a)anthracene	0.4	0.55	ug/L	138				0	0		
	Chrysene	0.4	0.6	ug/L	150				0	0		
	Benzo(b)fluoranthene	0.4	0.6	ug/L	150				0	0		
	Benzo(k)fluoranthene	0.4	0.64	ug/L	160				0	0		
	Benzo(a)pyrene	0.4	0.61	ug/L	153				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.62	ug/L	155				0	0		
	Dibenzo(a,h)anthracene	0.4	0.61	ug/L	153				0	0		
	Benzo(g,h,i)perylene	0.4	0.63	ug/L	158				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165772BS	1,4-Dioxane	2	2.3	ug/L	115				0	0		
	Naphthalene	0.4	0.55	ug/L	138				0	0		
	1-Methylnaphthalene	0.4	0.55	ug/L	138				0	0		
	2-Methylnaphthalene	0.4	0.55	ug/L	138				0	0		
	Acenaphthylene	0.4	0.53	ug/L	133				0	0		
	Acenaphthene	0.4	0.55	ug/L	138				0	0		
	Fluorene	0.4	0.55	ug/L	138				0	0		
	Pentachlorophenol	0.8	1.1	ug/L	138				0	0		
	Phenanthrene	0.4	0.56	ug/L	140				0	0		
	Anthracene	0.4	0.55	ug/L	138				0	0		
	Fluoranthene	0.4	0.6	ug/L	150				0	0		
	Pyrene	0.4	0.59	ug/L	147				0	0		
	Benzo(a)anthracene	0.4	0.57	ug/L	143				0	0		
	Chrysene	0.4	0.59	ug/L	147				0	0		
	Benzo(b)fluoranthene	0.4	0.61	ug/L	153				0	0		
	Benzo(k)fluoranthene	0.4	0.63	ug/L	158				0	0		
	Benzo(a)pyrene	0.4	0.59	ug/L	147				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.57	ug/L	143				0	0		
	Dibenzo(a,h)anthracene	0.4	0.57	ug/L	143				0	0		
	Benzo(g,h,i)perylene	0.4	0.58	ug/L	145				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165780BS	1,4-Dioxane	66.7	42	ug/Kg	63				0	0	
	Naphthalene	13.3	9.5	ug/Kg	71				0	0	
	1-Methylnaphthalene	13.3	9.4	ug/Kg	71				0	0	
	2-Methylnaphthalene	13.3	9.4	ug/Kg	71				0	0	
	Acenaphthylene	13.3	9	ug/Kg	68				0	0	
	Acenaphthene	13.3	9.1	ug/Kg	68				0	0	
	Fluorene	13.3	9.2	ug/Kg	69				0	0	
	Pentachlorophenol	26.7	16	ug/Kg	60				0	0	
	Phenanthrene	13.3	9.1	ug/Kg	68				0	0	
	Anthracene	13.3	9.1	ug/Kg	68				0	0	
	Fluoranthene	13.3	9.5	ug/Kg	71				0	0	
	Pyrene	13.3	9.5	ug/Kg	71				0	0	
	Benzo(a)anthracene	13.3	8.7	ug/Kg	65				0	0	
	Chrysene	13.3	9.3	ug/Kg	70				0	0	
	Benzo(b)fluoranthene	13.3	9.3	ug/Kg	70				0	0	
	Benzo(k)fluoranthene	13.3	9.3	ug/Kg	70				0	0	
	Benzo(a)pyrene	13.3	9.1	ug/Kg	68				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	8.7	ug/Kg	65				0	0	
	Dibenzo(a,h)anthracene	13.3	8.7	ug/Kg	65				0	0	
	Benzo(g,h,i)perylene	13.3	8.9	ug/Kg	67				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165813BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.39	ug/L	98				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.74	ug/L	93				0	0		
	Phenanthrene	0.4	0.4	ug/L	100				0	0		
	Anthracene	0.4	0.39	ug/L	98				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E28Z3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049143.D

Lab Sample ID: P5265-08

Instrument ID: BNA_M

Date Extracted: 12/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 13:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28Z3	P5265-08	BM049143.D	12/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK752

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049174.D

Lab Sample ID: PB165752BL

Instrument ID: BNA_M

Date Extracted: 12/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/24/2024

Level: (low/med) LOW

Time Analyzed: 08:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AR1	P5302-02	BM049213.D	12/25/2024
PB165752BS	PB165752BS	BM049214.D	12/25/2024
E2AP9	P5302-16	BM049215.D	12/25/2024
E2AS0	P5302-07	BM049199.D	12/25/2024
E2AQ0	P5302-17	BM049185.D	12/24/2024
E2AR6	P5302-03	BM049186.D	12/24/2024
E2AR6MS	P5302-04MS	BM049187.D	12/24/2024
E2AR6MSD	P5302-05MSD	BM049188.D	12/24/2024
E2AQ3	P5331-05	BM049169.D	12/24/2024
E2AR0	P5302-01	BM049170.D	12/24/2024
E2AQ2	P5302-18	BM049171.D	12/24/2024
E2AQ1	P5331-01	BM049176.D	12/24/2024
E2AQ1MS	P5331-02MS	BM049177.D	12/24/2024
E2AQ1MSD	P5331-03MSD	BM049178.D	12/24/2024
E2AR7	P5302-06	BM049162.D	12/24/2024
E2AR8	P5302-08	BM049163.D	12/24/2024
E2AR9	P5302-09	BM049164.D	12/24/2024
E2AS1	P5302-10	BM049165.D	12/24/2024
E2AN7	P5302-14	BM049166.D	12/24/2024
E2AP8	P5302-15	BM049167.D	12/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK769

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049141.D

Lab Sample ID: PB165769BL

Instrument ID: BNA_M

Date Extracted: 12/18/2024

Matrix: (soil/water) Water

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 11:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165769BS	PB165769BS	BM049155.D	12/23/2024
E2AW2	P5305-06	BM049147.D	12/23/2024
E2AT7	P5305-02	BM049195.D	12/24/2024
E2AT8	P5305-04	BM049196.D	12/24/2024
E2AT9	P5305-05	BM049197.D	12/24/2024
E2AT3	P5305-01	BM049205.D	12/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK772

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049191.D

Lab Sample ID: PB165772BL

Instrument ID: BNA_M

Date Extracted: 12/18/2024

Matrix: (soil/water) Water

Date Analyzed: 12/24/2024

Level: (low/med) LOW

Time Analyzed: 19:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AX4	P5305-08	BM049148.D	12/23/2024
E2AX4MS	P5305-09MS	BM049151.D	12/23/2024
E2AX4MSD	P5305-10MSD	BM049152.D	12/23/2024
PB165772BS	PB165772BS	BM049172.D	12/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK780

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049157.D

Lab Sample ID: PB165780BL

Instrument ID: BNA_M

Date Extracted: 12/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 22:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2914	P5333-12	BM049168.D	12/24/2024
E2904	P5333-01	BM049159.D	12/23/2024
E2905	P5333-02	BM049160.D	12/23/2024
E2910	P5333-07	BM049161.D	12/24/2024
E2907	P5333-04	BM049179.D	12/24/2024
E2912	P5333-09	BM049180.D	12/24/2024
E2911	P5333-08	BM049181.D	12/24/2024
E2917	P5333-15	BM049182.D	12/24/2024
E2918	P5333-16	BM049183.D	12/24/2024
E2916	P5333-14	BM049184.D	12/24/2024
E2923	P5333-20	BM049200.D	12/25/2024
E2923MS	P5333-21MS	BM049201.D	12/25/2024
E2923MSD	P5333-22MSD	BM049202.D	12/25/2024
E2915	P5333-13	BM049203.D	12/25/2024
E2906	P5333-03	BM049204.D	12/25/2024
E2921	P5333-19	BM049198.D	12/24/2024
PB165780BS	PB165780BS	BM049189.D	12/24/2024
E2909	P5333-06	BM049208.D	12/25/2024
E2913	P5333-11	BM049209.D	12/25/2024
E2920	P5333-18	BM049210.D	12/25/2024
E2919	P5333-17	BM049211.D	12/25/2024
E2908	P5333-05	BM049212.D	12/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK813

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122324

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049158.D

Lab Sample ID: PB165813BL

Instrument ID: BNA_M

Date Extracted: 12/23/2024

Matrix: (soil/water) Water

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 22:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2927	P5353-01	BM049153.D	12/23/2024
PB165813BS	PB165813BS	BM049154.D	12/23/2024
E1PK9	P5348-05	BM049149.D	12/23/2024
E1PL1	P5348-06	BM049150.D	12/23/2024
E2928	P5353-03	BM049193.D	12/24/2024
YE692	P5379-01	BM049194.D	12/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5333-21MS	Client Sample ID:	E2923MS					DataFile:	BM049201.D		
1,4-Dioxane	81.7		23	ug/Kg	28				15	120	
Naphthalene	16.3	2.6	11	ug/Kg	52				0	0	
1-Methylnaphthalene	16.3	2	9.9	ug/Kg	48				0	0	
2-Methylnaphthalene	16.3	2.2	10	ug/Kg	48				0	0	
Acenaphthylene	16.3	2.9	9.6	ug/Kg	41				0	0	
Acenaphthene	16.3	3.5	20	ug/Kg	101				31	137	
Fluorene	16.3	4.2	19	ug/Kg	91				0	0	
Pentachlorophenol	32.7		3.4	ug/Kg	10	*			17	109	
Phenanthrene	16.3	62	140	ug/Kg	479				0	0	
Anthracene	16.3	14	39	ug/Kg	153				0	0	
Fluoranthene	16.3	120	220	ug/Kg	613				0	0	
Pyrene	16.3	94	130	ug/Kg	221	*			35	142	
Benzo(a)anthracene	16.3	56	110	ug/Kg	331				0	0	
Chrysene	16.3	53	91	ug/Kg	233				0	0	
Benzo(b)fluoranthene	16.3	84	120	ug/Kg	221				0	0	
Benzo(k)fluoranthene	16.3	27	51	ug/Kg	147				0	0	
Benzo(a)pyrene	16.3	57	42	ug/Kg	-92				0	0	
Indeno(1,2,3-cd)pyrene	16.3	31	30	ug/Kg	-6				0	0	
Dibenzo(a,h)anthracene	16.3	9.6	19	ug/Kg	58				0	0	
Benzo(g,h,i)perylene	16.3	39	4.9	ug/Kg	-209				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5333-22MSD		Client Sample ID: E2923MSD					DataFile: BM049202.D				
1,4-Dioxane	81.6		22	ug/Kg	27		4		15	120	50
Naphthalene	16.3	2.6	11	ug/Kg	52		0		0	0	0
1-Methylnaphthalene	16.3	2	9.6	ug/Kg	47		2	*	0	0	0
2-Methylnaphthalene	16.3	2.2	9.8	ug/Kg	47		2	*	0	0	0
Acenaphthylene	16.3	2.9	9.5	ug/Kg	40		2	*	0	0	0
Acenaphthene	16.3	3.5	19	ug/Kg	95		6		31	137	19
Fluorene	16.3	4.2	19	ug/Kg	91		0		0	0	0
Pentachlorophenol	32.6		3.2	ug/Kg	10	*	0		17	109	47
Phenanthrene	16.3	62	140	ug/Kg	479		0		0	0	0
Anthracene	16.3	14	39	ug/Kg	153		0		0	0	0
Fluoranthene	16.3	120	210	ug/Kg	552		10	*	0	0	0
Pyrene	16.3	94	120	ug/Kg	160	*	32		35	142	36
Benzo(a)anthracene	16.3	56	100	ug/Kg	270		20	*	0	0	0
Chrysene	16.3	53	88	ug/Kg	215		8	*	0	0	0
Benzo(b)fluoranthene	16.3	84	120	ug/Kg	221		0		0	0	0
Benzo(k)fluoranthene	16.3	27	48	ug/Kg	129		13	*	0	0	0
Benzo(a)pyrene	16.3	57	40	ug/Kg	-104		12	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.3	31	30	ug/Kg	-6		0		0	0	0
Dibenzo(a,h)anthracene	16.3	9.6	19	ug/Kg	58		0		0	0	0
Benzo(g,h,i)perylene	16.3	39	4.8	ug/Kg	-210		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-02MS	Client Sample ID:	E2AQ1MS					DataFile:	BM049177.D		
1,4-Dioxane	74.9		44	ug/Kg	59				15	120	
Naphthalene	15		13	ug/Kg	87				0	0	
1-Methylnaphthalene	15		11	ug/Kg	73				0	0	
2-Methylnaphthalene	15		11	ug/Kg	73				0	0	
Acenaphthylene	15		11	ug/Kg	73				0	0	
Acenaphthene	15		11	ug/Kg	73				31	137	
Fluorene	15		12	ug/Kg	80				0	0	
Pentachlorophenol	30		22	ug/Kg	73				17	109	
Phenanthrene	15	1.1	13	ug/Kg	79				0	0	
Anthracene	15		12	ug/Kg	80				0	0	
Fluoranthene	15	2.8	14	ug/Kg	75				0	0	
Pyrene	15	2.1	14	ug/Kg	79				35	142	
Benzo(a)anthracene	15	1.3	12	ug/Kg	71				0	0	
Chrysene	15	1.6	12	ug/Kg	69				0	0	
Benzo(b)fluoranthene	15	3	13	ug/Kg	67				0	0	
Benzo(k)fluoranthene	15	1	13	ug/Kg	80				0	0	
Benzo(a)pyrene	15	1.7	13	ug/Kg	75				0	0	
Indeno(1,2,3-cd)pyrene	15	1	12	ug/Kg	73				0	0	
Dibenzo(a,h)anthracene	15		11	ug/Kg	73				0	0	
Benzo(g,h,i)perylene	15	1.5	12	ug/Kg	70				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-03MSD	Client Sample ID:	E2AQ1MSD					DataFile:	BM049178.D		
1,4-Dioxane	74.7		51	ug/Kg	68	14			15	120	50
Naphthalene	14.9		16	ug/Kg	107	21	*		0	0	0
1-Methylnaphthalene	14.9		13	ug/Kg	87	18	*		0	0	0
2-Methylnaphthalene	14.9		13	ug/Kg	87	18	*		0	0	0
Acenaphthylene	14.9		13	ug/Kg	87	18	*		0	0	0
Acenaphthene	14.9		13	ug/Kg	87	18			31	137	19
Fluorene	14.9		14	ug/Kg	94	16	*		0	0	0
Pentachlorophenol	29.9		27	ug/Kg	90	21			17	109	47
Phenanthrene	14.9	1.1	16	ug/Kg	100	23	*		0	0	0
Anthracene	14.9		14	ug/Kg	94	16	*		0	0	0
Fluoranthene	14.9	2.8	17	ug/Kg	95	24	*		0	0	0
Pyrene	14.9	2.1	17	ug/Kg	100	23			35	142	36
Benzo(a)anthracene	14.9	1.3	15	ug/Kg	92	26	*		0	0	0
Chrysene	14.9	1.6	15	ug/Kg	90	26	*		0	0	0
Benzo(b)fluoranthene	14.9	3	16	ug/Kg	87	26	*		0	0	0
Benzo(k)fluoranthene	14.9	1	14	ug/Kg	87	8	*		0	0	0
Benzo(a)pyrene	14.9	1.7	15	ug/Kg	89	17	*		0	0	0
Indeno(1,2,3-cd)pyrene	14.9	1	14	ug/Kg	87	18	*		0	0	0
Dibenzo(a,h)anthracene	14.9		13	ug/Kg	87	18	*		0	0	0
Benzo(g,h,i)perylene	14.9	1.5	14	ug/Kg	84	18	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5302-04MS	Client Sample ID:	E2AR6MS					DataFile:	BM049187.D		
1,4-Dioxane	84.1		44	ug/Kg	52				15	120	
Naphthalene	16.8		12	ug/Kg	71				0	0	
1-Methylnaphthalene	16.8		12	ug/Kg	71				0	0	
2-Methylnaphthalene	16.8		12	ug/Kg	71				0	0	
Acenaphthylene	16.8	2	13	ug/Kg	65				0	0	
Acenaphthene	16.8		12	ug/Kg	71				31	137	
Fluorene	16.8		12	ug/Kg	71				0	0	
Pentachlorophenol	33.6		0	ug/Kg	0	*			17	109	
Phenanthrene	16.8	6.3	15	ug/Kg	52				0	0	
Anthracene	16.8		13	ug/Kg	77				0	0	
Fluoranthene	16.8	14	20	ug/Kg	36				0	0	
Pyrene	16.8	10	19	ug/Kg	54				35	142	
Benzo(a)anthracene	16.8	4.6	15	ug/Kg	62				0	0	
Chrysene	16.8	6.4	15	ug/Kg	51				0	0	
Benzo(b)fluoranthene	16.8	9.9	18	ug/Kg	48				0	0	
Benzo(k)fluoranthene	16.8	3.5	15	ug/Kg	68				0	0	
Benzo(a)pyrene	16.8	5.6	15	ug/Kg	56				0	0	
Indeno(1,2,3-cd)pyrene	16.8	3.7	14	ug/Kg	61				0	0	
Dibenzo(a,h)anthracene	16.8	1	12	ug/Kg	65				0	0	
Benzo(g,h,i)perylene	16.8	4.4	14	ug/Kg	57				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5302-05MSD	Client Sample ID:	E2AR6MSD					DataFile:	BM049188.D		
1,4-Dioxane	84.3		47	ug/Kg	56		7		15	120	50
Naphthalene	16.9		13	ug/Kg	77		8	*	0	0	0
1-Methylnaphthalene	16.9		13	ug/Kg	77		8	*	0	0	0
2-Methylnaphthalene	16.9		13	ug/Kg	77		8	*	0	0	0
Acenaphthylene	16.9	2	14	ug/Kg	71		9	*	0	0	0
Acenaphthene	16.9		13	ug/Kg	77		8		31	137	19
Fluorene	16.9		13	ug/Kg	77		8	*	0	0	0
Pentachlorophenol	33.7		0	ug/Kg	0	*			17	109	47
Phenanthrene	16.9	6.3	16	ug/Kg	57		9	*	0	0	0
Anthracene	16.9		13	ug/Kg	77		0		0	0	0
Fluoranthene	16.9	14	22	ug/Kg	47		27	*	0	0	0
Pyrene	16.9	10	20	ug/Kg	59		9		35	142	36
Benzo(a)anthracene	16.9	4.6	17	ug/Kg	73		16	*	0	0	0
Chrysene	16.9	6.4	17	ug/Kg	63		21	*	0	0	0
Benzo(b)fluoranthene	16.9	9.9	20	ug/Kg	60		22	*	0	0	0
Benzo(k)fluoranthene	16.9	3.5	16	ug/Kg	74		8	*	0	0	0
Benzo(a)pyrene	16.9	5.6	17	ug/Kg	67		18	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.9	3.7	15	ug/Kg	67		9	*	0	0	0
Dibenzo(a,h)anthracene	16.9	1	13	ug/Kg	71		9	*	0	0	0
Benzo(g,h,i)perylene	16.9	4.4	16	ug/Kg	69		19	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5305-09MS	Client Sample ID:	E2AX4MS					DataFile:	BM049151.D		
1,4-Dioxane	2		0.91	ug/L	46				15	120	
Naphthalene	0.4		0.31	ug/L	78				0	0	
1-Methylnaphthalene	0.4		0.3	ug/L	75				0	0	
2-Methylnaphthalene	0.4		0.3	ug/L	75				0	0	
Acenaphthylene	0.4		0.3	ug/L	75				0	0	
Acenaphthene	0.4		0.31	ug/L	78				46	118	
Fluorene	0.4		0.32	ug/L	80				0	0	
Pentachlorophenol	0.8		0.69	ug/L	86				9	103	
Phenanthrene	0.4		0.34	ug/L	85				0	0	
Anthracene	0.4		0.32	ug/L	80				0	0	
Fluoranthene	0.4		0.39	ug/L	98				0	0	
Pyrene	0.4		0.39	ug/L	98				26	127	
Benzo(a)anthracene	0.4		0.37	ug/L	93				0	0	
Chrysene	0.4		0.39	ug/L	98				0	0	
Benzo(b)fluoranthene	0.4		0.39	ug/L	98				0	0	
Benzo(k)fluoranthene	0.4		0.39	ug/L	98				0	0	
Benzo(a)pyrene	0.4		0.37	ug/L	93				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.38	ug/L	95				0	0	
Dibenzo(a,h)anthracene	0.4		0.38	ug/L	95				0	0	
Benzo(g,h,i)perylene	0.4		0.38	ug/L	95				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5305-10MSD		Client Sample ID: E2AX4MSD		DataFile: BM049152.D							
1,4-Dioxane	2		0.88	ug/L	44		4		15	120	50
Naphthalene	0.41		0.3	ug/L	73		7	*	0	0	0
1-Methylnaphthalene	0.41		0.29	ug/L	71		5	*	0	0	0
2-Methylnaphthalene	0.41		0.29	ug/L	71		5	*	0	0	0
Acenaphthylene	0.41		0.28	ug/L	68		10	*	0	0	0
Acenaphthene	0.41		0.3	ug/L	73		7		46	118	31
Fluorene	0.41		0.31	ug/L	76		5	*	0	0	0
Pentachlorophenol	0.82		0.68	ug/L	83		4		9	103	50
Phenanthrene	0.41		0.33	ug/L	80		6	*	0	0	0
Anthracene	0.41		0.3	ug/L	73		9	*	0	0	0
Fluoranthene	0.41		0.37	ug/L	90		9	*	0	0	0
Pyrene	0.41		0.37	ug/L	90		9		26	127	31
Benzo(a)anthracene	0.41		0.35	ug/L	85		9	*	0	0	0
Chrysene	0.41		0.38	ug/L	93		5	*	0	0	0
Benzo(b)fluoranthene	0.41		0.38	ug/L	93		5	*	0	0	0
Benzo(k)fluoranthene	0.41		0.38	ug/L	93		5	*	0	0	0
Benzo(a)pyrene	0.41		0.36	ug/L	88		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.41		0.36	ug/L	88		8	*	0	0	0
Dibenzo(a,h)anthracene	0.41		0.37	ug/L	90		5	*	0	0	0
Benzo(g,h,i)perylene	0.41		0.37	ug/L	90		5	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-07DL	E2AP5DL	BM049146.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P5226-11DL	E2AN6DL	BM049145.D	1,4-Dioxane-d8	8	3.48	43		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140

Surrogate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-04DL	E28Y9DL	BM049144.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P5265-08	E28Z3	BM049143.D	1,4-Dioxane-d8	8	2.58	32		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140

Surrogate Summary

SW-846

SDG No.: **BM122324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-01	E2AR0	BM049170.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5302-02	E2AR1	BM049213.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P5302-03	E2AR6	BM049186.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P5302-04MS	E2AR6MS	BM049187.D	1,4-Dioxane-d8	0.8	0.42	52		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
P5302-05MSD	E2AR6MSD	BM049188.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P5302-06	E2AR7	BM049162.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P5302-07	E2AS0	BM049199.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.16	41		20	140
P5302-08	E2AR8	BM049163.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P5302-09	E2AR9	BM049164.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.19	49		20	140
P5302-10	E2AS1	BM049165.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5302-14	E2AN7	BM049166.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P5302-15	E2AP8	BM049167.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		20	140
P5302-16	E2AP9	BM049215.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5302-17	E2AQ0	BM049185.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P5302-18	E2AQ2	BM049171.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P5331-01	E2AQ1	BM049176.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P5331-02MS	E2AQ1MS	BM049177.D	1,4-Dioxane-d8	0.8	0.52	65		15	120

Surrogate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5331-02MS	E2AQ1MS	BM049177.D	Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P5331-03MSD	E2AQ1MSD	BM049178.D	1,4-Dioxane-d8	0.8	0.61	76		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
P5331-05	E2AQ3	BM049169.D	2-Methylnaphthalene-d10	0.4	0.39	98		20	140
			1,4-Dioxane-d8	8	2.91	36		15	120
			Fluoranthene-d10	0.4	0.17	42		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
PB165752BL	PB165752BL	BM049174.D	1,4-Dioxane-d8	8	4.62	58		15	120
		BM049192.D	1,4-Dioxane-d8	8	6.45	81		15	120
		BM049207.D	1,4-Dioxane-d8	8	5.94	74		15	120
		BM049192.D	Fluoranthene-d10	0.4	0.42	106		30	130
		BM049207.D	Fluoranthene-d10	0.4	0.39	96		30	130
		BM049174.D	Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
			2-Methylnaphthalene-d10	0.4	0.36	91		20	140
		BM049192.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	140
		BM049214.D	1,4-Dioxane-d8	0.8	0.50	62		15	120
PB165752BS	PB165752BS		Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140

Surrogate Summary

SW-846

SDG No.: **BM122324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5305-01	E2AT3	BM049205.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P5305-02	E2AT7	BM049195.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
P5305-04	E2AT8	BM049196.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
P5305-05	E2AT9	BM049197.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P5305-06	E2AW2	BM049147.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB165769BL	PB165769BL	BM049141.D	1,4-Dioxane-d8	8	3.88	49		15	120
		BM049175.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
		BM049141.D	Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		30	130
		BM049175.D	2-Methylnaphthalene-d10	0.4	0.20	49		30	130
PB165769BS	PB165769BS	BM049155.D	1,4-Dioxane-d8	0.8	1.02	127	*	15	120
			Fluoranthene-d10	0.4	0.61	153	*	30	130
			2-Methylnaphthalene-d10	0.4	0.59	147	*	30	130

Surrogate Summary

SW-846

SDG No.: BM122324

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5305-08	E2AX4	BM049148.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P5305-09MS	E2AX4MS	BM049151.D	1,4-Dioxane-d8	0.8	0.35	44		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P5305-10MSD	E2AX4MSD	BM049152.D	1,4-Dioxane-d8	0.8	0.35	43		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
PB165772BL	PB165772BL	BM049142.D	1,4-Dioxane-d8	8	5.73	72		15	120
		BM049191.D	1,4-Dioxane-d8	8	5.39	67		15	120
		BM049142.D	Fluoranthene-d10	0.4	0.31	78		30	130
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
		BM049191.D	2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB165772BS	PB165772BS	BM049172.D	1,4-Dioxane-d8	0.8	0.95	119		15	120
			Fluoranthene-d10	0.4	0.63	158	*	30	130
			2-Methylnaphthalene-d10	0.4	0.60	149	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM122324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-01	E2904	BM049159.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P5333-02	E2905	BM049160.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P5333-03	E2906	BM049204.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5333-04	E2907	BM049179.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		20	140
P5333-05	E2908	BM049212.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P5333-06	E2909	BM049208.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P5333-07	E2910	BM049161.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		20	140
P5333-08	E2911	BM049181.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P5333-09	E2912	BM049180.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Fluoranthene-d10	0.4	0.13	32		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5333-11	E2913	BM049209.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		20	140
P5333-12	E2914	BM049168.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P5333-13	E2915	BM049203.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P5333-14	E2916	BM049184.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P5333-15	E2917	BM049182.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P5333-16	E2918	BM049183.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Fluoranthene-d10	0.4	0.14	36		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P5333-17	E2919	BM049211.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P5333-18	E2920	BM049210.D	1,4-Dioxane-d8	8	4.74	59		15	120

Surrogate Summary

SW-846

SDG No.: **BM122324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-18	E2920	BM049210.D	Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140
P5333-19	E2921	BM049198.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
P5333-20	E2923	BM049200.D	2-Methylnaphthalene-d10	0.4	0.24	60		20	140
			1,4-Dioxane-d8	8	3.20	40		15	120
P5333-21MS	E2923MS	BM049201.D	Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
P5333-22MSD	E2923MSD	BM049202.D	1,4-Dioxane-d8	0.8	0.26	32		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
PB165780BL	PB165780BL	BM049157.D	2-Methylnaphthalene-d10	0.4	0.19	47		20	140
			1,4-Dioxane-d8	0.8	0.23	29		15	120
PB165780BS	PB165780BS	BM049189.D	Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
PB165780BS	PB165780BS	BM049189.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
PB165780BS	PB165780BS	BM049189.D	2-Methylnaphthalene-d10	0.4	0.23	58		20	140
			1,4-Dioxane-d8	0.8	0.52	65		15	120
PB165780BS	PB165780BS	BM049189.D	Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140

Surrogate Summary

SW-846

SDG No.: **BM122324**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5348-05	E1PK9	BM049149.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.47	118		30	130
P5348-06	E1PL1	BM049150.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.42	106		30	130
P5353-01	E2927	BM049153.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Fluoranthene-d10	0.4	0.52	130		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130
P5353-03	E2928	BM049193.D	1,4-Dioxane-d8	8	5.88	74		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130
P5379-01	YE692	BM049194.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.44	111		30	130
PB165813BL	PB165813BL	BM049158.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB165813BS	PB165813BS	BM049154.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122324

Lab Code: CHEM

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049139.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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
SSTD0.4122	SSTDCCC0.4	BM049140.D	12/23/2024	10:45
SBLK769	PB165769BL	BM049141.D	12/23/2024	11:27
SBLK772	PB165772BL	BM049142.D	12/23/2024	12:02
E28Z3	P5265-08	BM049143.D	12/23/2024	13:13
E28Y9DL	P5265-04DL	BM049144.D	12/23/2024	13:49
E2AN6DL	P5226-11DL	BM049145.D	12/23/2024	14:24
E2AP5DL	P5226-07DL	BM049146.D	12/23/2024	15:00
E2AW2	P5305-06	BM049147.D	12/23/2024	15:36
E2AX4	P5305-08	BM049148.D	12/23/2024	16:11
E1PK9	P5348-05	BM049149.D	12/23/2024	16:47
E1PL1	P5348-06	BM049150.D	12/23/2024	17:23
E2AX4MS	P5305-09MS	BM049151.D	12/23/2024	17:58
E2AX4MSD	P5305-10MSD	BM049152.D	12/23/2024	18:34
E2927	P5353-01	BM049153.D	12/23/2024	19:10
SLCS813	PB165813BS	BM049154.D	12/23/2024	19:45
SLCS769	PB165769BS	BM049155.D	12/23/2024	20:21
SSTD0.4123	SSTDCCC0.4	BM049156.D	12/23/2024	21:32
SBLK780	PB165780BL	BM049157.D	12/23/2024	22:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122324

Lab Code: CHEM

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049139.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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
SBLK813	PB165813BL	BM049158.D	12/23/2024	22:43
E2904	P5333-01	BM049159.D	12/23/2024	23:19
E2905	P5333-02	BM049160.D	12/23/2024	23:55
E2910	P5333-07	BM049161.D	12/24/2024	00:30
E2AR7	P5302-06	BM049162.D	12/24/2024	01:06
E2AR8	P5302-08	BM049163.D	12/24/2024	01:41
E2AR9	P5302-09	BM049164.D	12/24/2024	02:17
E2AS1	P5302-10	BM049165.D	12/24/2024	02:52
E2AN7	P5302-14	BM049166.D	12/24/2024	03:28
E2AP8	P5302-15	BM049167.D	12/24/2024	04:03
E2914	P5333-12	BM049168.D	12/24/2024	04:39
E2AQ3	P5331-05	BM049169.D	12/24/2024	05:14
E2AR0	P5302-01	BM049170.D	12/24/2024	05:50
E2AQ2	P5302-18	BM049171.D	12/24/2024	06:25
SLCS772	PB165772BS	BM049172.D	12/24/2024	07:01
SSTD0.4124	SSTDCCC0.4	BM049173.D	12/24/2024	08:12
SBLK752	PB165752BL	BM049174.D	12/24/2024	08:47
SBLK769	PB165769BL	BM049175.D	12/24/2024	09:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122324

Lab Code: CHEM

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049139.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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
E2AQ1	P5331-01	BM049176.D	12/24/2024	09:59
E2AQ1MS	P5331-02MS	BM049177.D	12/24/2024	10:34
E2AQ1MSD	P5331-03MSD	BM049178.D	12/24/2024	11:10
E2907	P5333-04	BM049179.D	12/24/2024	11:45
E2912	P5333-09	BM049180.D	12/24/2024	12:21
E2911	P5333-08	BM049181.D	12/24/2024	12:57
E2917	P5333-15	BM049182.D	12/24/2024	13:32
E2918	P5333-16	BM049183.D	12/24/2024	14:08
E2916	P5333-14	BM049184.D	12/24/2024	14:44
E2AQ0	P5302-17	BM049185.D	12/24/2024	15:19
E2AR6	P5302-03	BM049186.D	12/24/2024	15:55
E2AR6MS	P5302-04MS	BM049187.D	12/24/2024	16:31
E2AR6MSD	P5302-05MSD	BM049188.D	12/24/2024	17:06
SLCS780	PB165780BS	BM049189.D	12/24/2024	17:42
SSTD0.4125	SSTDCCC0.4	BM049190.D	12/24/2024	18:53
SBLK772	PB165772BL	BM049191.D	12/24/2024	19:29
SBLK752	PB165752BL	BM049192.D	12/24/2024	20:05
E2928	P5353-03	BM049193.D	12/24/2024	20:40

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122324

Lab Code: CHEM

SAS No.: BM122324

SDG NO.: BM122324

Lab File ID: BM049139.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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
YE692	P5379-01	BM049194.D	12/24/2024	21:16
E2AT7	P5305-02	BM049195.D	12/24/2024	21:52
E2AT8	P5305-04	BM049196.D	12/24/2024	22:27
E2AT9	P5305-05	BM049197.D	12/24/2024	23:03
E2921	P5333-19	BM049198.D	12/24/2024	23:39
E2AS0	P5302-07	BM049199.D	12/25/2024	00:14
E2923	P5333-20	BM049200.D	12/25/2024	00:50
E2923MS	P5333-21MS	BM049201.D	12/25/2024	01:25
E2923MSD	P5333-22MSD	BM049202.D	12/25/2024	02:01
E2915	P5333-13	BM049203.D	12/25/2024	02:36
E2906	P5333-03	BM049204.D	12/25/2024	03:12
E2AT3	P5305-01	BM049205.D	12/25/2024	03:47
SSTD0.4126	SSTDCCC0.4	BM049206.D	12/25/2024	04:59
SBLK752	PB165752BL	BM049207.D	12/25/2024	05:34
E2909	P5333-06	BM049208.D	12/25/2024	06:10
E2913	P5333-11	BM049209.D	12/25/2024	06:45
E2920	P5333-18	BM049210.D	12/25/2024	07:21
E2919	P5333-17	BM049211.D	12/25/2024	07:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122324

Lab Code: CHEM

SAS No.: BM122324 SDG NO.: BM122324

Lab File ID: BM049139.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.4
443	15.0 - 24.0% of mass 442	15.3 (19.5) 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
E2908	P5333-05	BM049212.D	12/25/2024	08:32
E2AR1	P5302-02	BM049213.D	12/25/2024	09:07
SLCS752	PB165752BS	BM049214.D	12/25/2024	09:43
E2AP9	P5302-16	BM049215.D	12/25/2024	10:18
SSTD0.4127	SSTDCCC0.4EC	BM049216.D	12/25/2024	11:30