

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG No.: BM122724

Instrument ID: BNA_M Calibration Date/Time: 12/27/2024 : 07:32

Lab File ID: BM049243.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4131 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	0.572	0.010	6.0264	40.0
1,4-Dioxane-d8	0.461	0.506	0.010	9.6543	40.0
Naphthalene	1.001	1.018	0.600	1.6541	30.0
1-Methylnaphthalene	0.650	0.641	0.300	-1.3191	30.0
2-Methylnaphthalene	0.634	0.624	0.300	-1.6103	30.0
Acenaphthylene	1.658	1.597	0.900	-3.685	30.0
Acenaphthene	1.210	1.214	0.500	0.339	30.0
Fluorene	1.365	1.365	0.700	0.018	30.0
Pentachlorophenol	0.111	0.077	0.010	-30.7194	50.0
Phenanthrene	1.045	0.986	0.300	-5.5845	30.0
Anthracene	0.959	0.868	0.400	-9.4512	30.0
Fluoranthene	1.446	1.523	0.400	5.3137	30.0
Pyrene	1.542	1.584	0.500	2.7134	30.0
Benzo (a) anthracene	1.391	1.224	0.400	-12.0111	30.0
Chrysene	1.493	1.556	0.400	4.2007	30.0
Benzo (b) fluoranthene	1.278	1.285	0.200	0.5434	30.0
Benzo (k) fluoranthene	1.402	1.497	0.200	6.7498	30.0
Benzo (a) pyrene	1.226	1.224	0.200	-0.0873	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.665	0.200	-3.9931	30.0
Dibenzo (a,h) anthracene	1.348	1.261	0.200	-6.4061	30.0
Benzo (g,h,i) perylene	1.395	1.423	0.200	2.0575	30.0
Fluoranthene-d10	1.135	1.168	0.400	2.9442	30.0
2-Methylnaphthalene-d10	0.538	0.531	0.300	-1.15	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.: BM122724 SAS No.: BM122724 SDG No.: BM122724
Instrument ID: BNA_M Calibration Date/Time: 12/27/2024 : 17:38
Lab File ID: BM049258.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4132 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	0.578	0.010	7.1675	40.0
1,4-Dioxane-d8	0.461	0.513	0.010	11.2031	40.0
Naphthalene	1.001	1.012	0.600	1.114	30.0
1-Methylnaphthalene	0.650	0.657	0.300	1.0997	30.0
2-Methylnaphthalene	0.634	0.624	0.300	-1.6409	30.0
Acenaphthylene	1.658	1.579	0.900	-4.7335	30.0
Acenaphthene	1.210	1.217	0.500	0.5373	30.0
Fluorene	1.365	1.394	0.700	2.1095	30.0
Pentachlorophenol	0.111	0.072	0.010	-34.4891	50.0
Phenanthrene	1.045	0.985	0.300	-5.7526	30.0
Anthracene	0.959	0.871	0.400	-9.2165	30.0
Fluoranthene	1.446	1.545	0.400	6.8594	30.0
Pyrene	1.542	1.616	0.500	4.797	30.0
Benzo (a) anthracene	1.391	1.205	0.400	-13.3837	30.0
Chrysene	1.493	1.535	0.400	2.803	30.0
Benzo (b) fluoranthene	1.278	1.240	0.200	-2.9707	30.0
Benzo (k) fluoranthene	1.402	1.538	0.200	9.6728	30.0
Benzo (a) pyrene	1.226	1.239	0.200	1.1041	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.683	0.200	-2.9697	30.0
Dibenzo (a,h) anthracene	1.348	1.264	0.200	-6.2312	30.0
Benzo (g,h,i) perylene	1.395	1.383	0.200	-0.8202	30.0
Fluoranthene-d10	1.135	1.204	0.400	6.1011	30.0
2-Methylnaphthalene-d10	0.538	0.537	0.300	-0.0207	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.: BM122724 SAS No.: BM122724 SDG No.: BM122724

Instrument ID: BNA_M Calibration Date/Time: 12/28/2024 : 04:23

Lab File ID: BM049275.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4133 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	0.539	0.010	0.0145	40.0
1,4-Dioxane-d8	0.461	0.453	0.010	-1.784	40.0
Naphthalene	1.001	0.984	0.600	-1.696	30.0
1-Methylnaphthalene	0.650	0.673	0.300	3.6017	30.0
2-Methylnaphthalene	0.634	0.646	0.300	1.7859	30.0
Acenaphthylene	1.658	1.563	0.900	-5.71	30.0
Acenaphthene	1.210	1.190	0.500	-1.6856	30.0
Fluorene	1.365	1.387	0.700	1.6194	30.0
Pentachlorophenol	0.111	0.074	0.010	-33.1645	50.0
Phenanthrene	1.045	0.981	0.300	-6.0723	30.0
Anthracene	0.959	0.890	0.400	-7.1467	30.0
Fluoranthene	1.446	1.479	0.400	2.2534	30.0
Pyrene	1.542	1.554	0.500	0.7684	30.0
Benzo (a) anthracene	1.391	1.267	0.400	-8.9609	30.0
Chrysene	1.493	1.474	0.400	-1.2928	30.0
Benzo (b) fluoranthene	1.278	1.253	0.200	-1.9686	30.0
Benzo (k) fluoranthene	1.402	1.456	0.200	3.8675	30.0
Benzo (a) pyrene	1.226	1.218	0.200	-0.5972	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.648	0.200	-4.9991	30.0
Dibenzo (a,h) anthracene	1.348	1.253	0.200	-7.0137	30.0
Benzo (g,h,i) perylene	1.395	1.344	0.200	-3.6569	30.0
Fluoranthene-d10	1.135	1.171	0.400	3.1905	30.0
2-Methylnaphthalene-d10	0.538	0.555	0.300	3.2661	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.: BM122724 SAS No.: BM122724 SDG No.: BM122724

Instrument ID: BNA_M Calibration Date/Time: 12/28/2024 : 15:43

Lab File ID: BM049293.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4134 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	0.558	0.010	3.4636	50.0
1,4-Dioxane-d8	0.461	0.487	0.010	5.6725	50.0
Naphthalene	1.001	0.978	0.600	-2.3484	50.0
1-Methylnaphthalene	0.650	0.660	0.300	1.5835	50.0
2-Methylnaphthalene	0.634	0.643	0.300	1.3739	50.0
Acenaphthylene	1.658	1.583	0.900	-4.5274	50.0
Acenaphthene	1.210	1.181	0.500	-2.4221	50.0
Fluorene	1.365	1.360	0.700	-0.3577	50.0
Pentachlorophenol	0.111	0.083	0.010	-25.3164	50.0
Phenanthrene	1.045	0.989	0.300	-5.3484	50.0
Anthracene	0.959	0.925	0.400	-3.5645	50.0
Fluoranthene	1.446	1.457	0.400	0.7135	50.0
Pyrene	1.542	1.555	0.500	0.8397	50.0
Benzo (a) anthracene	1.391	1.330	0.400	-4.4036	50.0
Chrysene	1.493	1.458	0.400	-2.3401	50.0
Benzo (b) fluoranthene	1.278	1.230	0.200	-3.761	50.0
Benzo (k) fluoranthene	1.402	1.369	0.200	-2.3881	50.0
Benzo (a) pyrene	1.226	1.217	0.200	-0.7328	50.0
Indeno (1,2,3-cd) pyrene	1.734	1.610	0.200	-7.2028	50.0
Dibenzo (a,h) anthracene	1.348	1.231	0.200	-8.654	50.0
Benzo (g,h,i) perylene	1.395	1.316	0.200	-5.6134	50.0
Fluoranthene-d10	1.135	1.153	0.400	1.6062	50.0
2-Methylnaphthalene-d10	0.538	0.551	0.300	2.4388	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK797	SDG No.:	BM122724
Lab Sample ID:	PB165797BL	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
BM049244.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	6.027		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.297		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2628		7.544			
1146-65-2	Naphthalene-d8	7613		10.303			
15067-26-2	Acenaphthene-d10	4389		14.182			

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:	SBLK797	SDG No.:	BM122724
Lab Sample ID:	PB165797BL	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
BM049244.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10544	16.929				
1719-03-5	Chrysene-d12	8951	21.14				
1520-96-3	Perylene-d12	8837	23.288				
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:	YE5X5	SDG No.:	BM122724
Lab Sample ID:	P5324-01	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
BM049245.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.6	J	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	0.42	U	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	0.23	U	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	0.23	U	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	0.32	U	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	U	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.95	U	0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.708		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		20-140		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3029		7.544			
1146-65-2	Naphthalene-d8	8884		10.304			
15067-26-2	Acenaphthene-d10	4929		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:	YE5X5	SDG No.:	BM122724
Lab Sample ID:	P5324-01	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
BM049245.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11543	16.93				
1719-03-5	Chrysene-d12	10014	21.137				
1520-96-3	Perylene-d12	9101	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:	YE5X7	SDG No.:	BM122724
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM049246.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3	J	1.1	0	8.2	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	0.4	U	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	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.92	U	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.693		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3263		7.543			
1146-65-2	Naphthalene-d8	9893		10.303			
15067-26-2	Acenaphthene-d10	5854		14.181			

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:	YE5X7	SDG No.:	BM122724
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM049246.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13528	16.929				
1719-03-5	Chrysene-d12	10668	21.137				
1520-96-3	Perylene-d12	10057	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:	E2914DL	SDG No.:	BM122724
Lab Sample ID:	P5333-12DL	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
BM049247.D	5	12/20/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	32	D	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	18	JD	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	42	D	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	2.1	U	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	4.7	JD	1.2	5.3	21	ug/Kg
86-73-7	Fluorene	1.4	U	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.8	43	ug/Kg
85-01-8	Phenanthrene	70	D	1.2	5.3	21	ug/Kg
120-12-7	Anthracene	9.9	JD	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	91	D	1.2	5.3	21	ug/Kg
129-00-0	Pyrene	79	D	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	66	D	0.6	5.3	21	ug/Kg
218-01-9	Chrysene	91	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	D	2.1	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	67	D	2.1	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20	JD	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.24		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.145		30-130		36	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	3234		7.544			
1146-65-2	Naphthalene-d8	9579		10.308			
15067-26-2	Acenaphthene-d10	5888		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:	E2914DL	SDG No.:	BM122724
Lab Sample ID:	P5333-12DL	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
BM049247.D	5	12/20/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13196	16.929				
1719-03-5	Chrysene-d12	11818	21.135				
1520-96-3	Perylene-d12	12851	23.286				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	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:	YE5X6	SDG No.:	BM122724
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM049248.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.1	J	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	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	8.2	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	0.29	U	0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	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	0.58	U	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.311		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.313		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3854		7.543			
1146-65-2	Naphthalene-d8	11635		10.304			
15067-26-2	Acenaphthene-d10	6657		14.178			

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:	YE5X6	SDG No.:	BM122724
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM049248.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15337	16.93				
1719-03-5	Chrysene-d12	12447	21.134				
1520-96-3	Perylene-d12	11595	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:	YE5X6MS	SDG No.:	BM122724
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.05 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
BM049249.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	8		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	8.2		0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	8		0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	7.9		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	8.3		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	8.7		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	8.5		2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	9		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	8.5		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	9.6		0.22	1	4.1	ug/Kg
129-00-0	Pyrene	9.3		0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	7.9		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	9.3		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.2		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.6		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	9		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.5		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.4		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.9		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.311		15-120		39	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2873	7.548				
1146-65-2	Naphthalene-d8	8726	10.314				
15067-26-2	Acenaphthene-d10	5609	14.181				

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:	YE5X6MS	SDG No.:	BM122724
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
Sample Wt/Vol:	30.05 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
BM049249.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11862	16.937				
1719-03-5	Chrysene-d12	9905	21.134				
1520-96-3	Perylene-d12	10730	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:	YE5X6MSD	SDG No.:	BM122724
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM049250.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	7.3		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	7.7		0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	7.4		0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	7.2		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	7.5		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	7.8		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	7.6	J	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	7.8		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	7.2		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	8.8		0.22	1	4.1	ug/Kg
129-00-0	Pyrene	8.6		0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	7.3		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	8.6		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.2		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.8		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	8.2		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.8		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.7		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.1		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.284		15-120		36	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.233		30-130		58	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	2903		7.548			
1146-65-2	Naphthalene-d8	8754		10.315			
15067-26-2	Acenaphthene-d10	5690		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:	YE5X6MSD	SDG No.:	BM122724
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.8
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
BM049250.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12823	16.934				
1719-03-5	Chrysene-d12	10029	21.137				
1520-96-3	Perylene-d12	10993	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:	YE5Y1	SDG No.:	BM122724
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.1
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
BM049251.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2	J	1.1	0	8.4	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	8.4	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	0.94	U	0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.725		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3261		7.544			
1146-65-2	Naphthalene-d8	9740		10.303			
15067-26-2	Acenaphthene-d10	5698		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:	YE5Y1	SDG No.:	BM122724
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.1
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
BM049251.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13609	16.929				
1719-03-5	Chrysene-d12	13932	21.138				
1520-96-3	Perylene-d12	14104	23.286				
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:	YE5Z7	SDG No.:	BM122724
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049252.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3	J	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	0.2	U	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	0.2	U	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.53	U	0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.58	U	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	0.84	U	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.534		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.189		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.174		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4138		7.543			
1146-65-2	Naphthalene-d8	13173		10.303			
15067-26-2	Acenaphthene-d10	7669		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:	YE5Z7	SDG No.:	BM122724
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.8
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
BM049252.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17666	16.929				
1719-03-5	Chrysene-d12	14111	21.134				
1520-96-3	Perylene-d12	13105	23.285				
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:	YE695	SDG No.:	BM122724
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
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
BM049253.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	4	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	0.99	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.99	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.9	U	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.357		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3776	7.544				
1146-65-2	Naphthalene-d8	11519	10.303				
15067-26-2	Acenaphthene-d10	6673	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:	YE695	SDG No.:	BM122724
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
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
BM049253.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15857	16.929				
1719-03-5	Chrysene-d12	13412	21.135				
1520-96-3	Perylene-d12	12084	23.283				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE643	SDG No.:	BM122724
Lab Sample ID:	P5324-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM049254.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	4	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	0.99	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.99	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	0.63	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.9	U	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.545		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3482		7.543			
1146-65-2	Naphthalene-d8	10336		10.304			
15067-26-2	Acenaphthene-d10	6068		14.178			

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:	YE643	SDG No.:	BM122724
Lab Sample ID:	P5324-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM049254.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14477	16.93				
1719-03-5	Chrysene-d12	12506	21.134				
1520-96-3	Perylene-d12	11716	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE644	SDG No.:	BM122724
Lab Sample ID:	P5324-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
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
BM049255.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	0.26	U	0.26	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.67	U	0.67	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.42	U	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	0.23	U	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	0.22	U	0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	0.23	U	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	0.31	U	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	0.32	U	0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.6	U	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.41	U	0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.67	U	0.67	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.6	U	0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.96	U	0.96	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.952		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.209		30-130		52	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	3670		7.543			
1146-65-2	Naphthalene-d8	10895		10.303			
15067-26-2	Acenaphthene-d10	6427		14.181			

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:	YE644	SDG No.:	BM122724
Lab Sample ID:	P5324-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
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
BM049255.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14938	16.929				
1719-03-5	Chrysene-d12	12609	21.137				
1520-96-3	Perylene-d12	11928	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE645	SDG No.:	BM122724
Lab Sample ID:	P5324-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
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
BM049256.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	0.4	U	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	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.8		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.227		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3356		7.544			
1146-65-2	Naphthalene-d8	9818		10.303			
15067-26-2	Acenaphthene-d10	5757		14.177			

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:	YE645	SDG No.:	BM122724
Lab Sample ID:	P5324-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.4
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
BM049256.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13574	16.929				
1719-03-5	Chrysene-d12	11881	21.137				
1520-96-3	Perylene-d12	10864	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	SLCS797	SDG No.:	BM122724
Lab Sample ID:	PB165797BS	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
BM049257.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	50		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	10		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	9.4		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.9		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	10		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	8.9		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		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	8.5		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	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.8		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.3		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.1		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.9		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.627		15-120		78	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.333		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3192	7.548				
1146-65-2	Naphthalene-d8	10025	10.314				
15067-26-2	Acenaphthene-d10	6437	14.186				

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:	SLCS797	SDG No.:	BM122724
Lab Sample ID:	PB165797BS	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
BM049257.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14304	16.937				
1719-03-5	Chrysene-d12	10803	21.14				
1520-96-3	Perylene-d12	11640	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:	SBLK797	SDG No.:	BM122724
Lab Sample ID:	PB165797BL	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
BM049259.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	6.141		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2879	7.543				
1146-65-2	Naphthalene-d8	8390	10.298				
15067-26-2	Acenaphthene-d10	4939	14.178				

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:	SBLK797	SDG No.:	BM122724
Lab Sample ID:	PB165797BL	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
BM049259.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11823	16.93				
1719-03-5	Chrysene-d12	9218	21.14				
1520-96-3	Perylene-d12	8446	23.285				
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:	YE5Z9	SDG No.:	BM122724
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM049260.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		1.2	0	8.7	ug/Kg
91-20-3	Naphthalene	0.26	U	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.68	U	0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	0.43	U	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	0.29	U	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	0.23	U	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	0.22	U	0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	0.23	U	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	0.31	U	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	0.33	U	0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.61	U	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.42	U	0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.68	U	0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.61	U	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.33		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3289		7.543			
1146-65-2	Naphthalene-d8	9818		10.303			
15067-26-2	Acenaphthene-d10	5809		14.181			

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:	YE5Z9	SDG No.:	BM122724
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.4
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
BM049260.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14189	16.929				
1719-03-5	Chrysene-d12	11489	21.137				
1520-96-3	Perylene-d12	10577	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	YE600	SDG No.:	BM122724
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM049261.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.3	J	1.1	0	8.2	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	0.4	U	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	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.229		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.502		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.453		20-140		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3395		7.539			
1146-65-2	Naphthalene-d8	10273		10.303			
15067-26-2	Acenaphthene-d10	6135		14.177			

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:	YE600	SDG No.:	BM122724
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.1
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
BM049261.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14518	16.929				
1719-03-5	Chrysene-d12	12195	21.135				
1520-96-3	Perylene-d12	10900	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE630	SDG No.:	BM122724
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.8
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
BM049262.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.2		1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	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	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.87	U	0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.737		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.257		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3971	7.539				
1146-65-2	Naphthalene-d8	11604	10.303				
15067-26-2	Acenaphthene-d10	7351	14.177				

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:	YE630	SDG No.:	BM122724
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.8
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
BM049262.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18354	16.929				
1719-03-5	Chrysene-d12	17565	21.132				
1520-96-3	Perylene-d12	15901	23.285				
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:	YE631	SDG No.:	BM122724
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.4
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
BM049263.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31		1.2	0	9	ug/Kg
91-20-3	Naphthalene	0.27	U	0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.69	U	0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	0.44	U	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.24	U	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.29	U	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	0.24	U	0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	0.23	U	0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	0.24	U	0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	0.32	U	0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	0.33	U	0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.63	U	0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	0.43	U	0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.69	U	0.69	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.63	U	0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1	U	1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.78		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4441		7.539			
1146-65-2	Naphthalene-d8	13268		10.297			
15067-26-2	Acenaphthene-d10	10097		14.177			

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:	YE631	SDG No.:	BM122724
Lab Sample ID:	P5324-16	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
BM049263.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23272	16.929				
1719-03-5	Chrysene-d12	20568	21.135				
1520-96-3	Perylene-d12	18967	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	YE635	SDG No.:	BM122724
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM049264.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	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	0.4	U	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	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.158		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.319		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5017		7.544			
1146-65-2	Naphthalene-d8	16058		10.299			
15067-26-2	Acenaphthene-d10	9696		14.178			

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:	YE635	SDG No.:	BM122724
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM049264.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22765	16.93				
1719-03-5	Chrysene-d12	20063	21.134				
1520-96-3	Perylene-d12	18890	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE642	SDG No.:	BM122724
Lab Sample ID:	P5324-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12
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
BM049265.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.8	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	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.94	3.8	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.53	U	0.53	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.164		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4819	7.539				
1146-65-2	Naphthalene-d8	14890	10.298				
15067-26-2	Acenaphthene-d10	9554	14.178				

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:	YE642	SDG No.:	BM122724
Lab Sample ID:	P5324-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12
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
BM049265.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23469	16.93				
1719-03-5	Chrysene-d12	21013	21.134				
1520-96-3	Perylene-d12	19320	23.285				
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:	YE5Z8	SDG No.:	BM122724
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM049266.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		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	0.4	U	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	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.105		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.209		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.197		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4774		7.544			
1146-65-2	Naphthalene-d8	15200		10.303			
15067-26-2	Acenaphthene-d10	9042		14.177			

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:	YE5Z8	SDG No.:	BM122724
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM049266.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21138	16.929				
1719-03-5	Chrysene-d12	17812	21.137				
1520-96-3	Perylene-d12	16772	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE646	SDG No.:	BM122724
Lab Sample ID:	P5324-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
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
BM049267.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

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	0.99	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.99	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.99	3.9	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.99	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	0.99	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	0.99	3.9	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.99	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.99	3.9	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.99	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.99	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.99	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.9	U	0.9	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.223		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.371		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.381		20-140		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4499		7.539			
1146-65-2	Naphthalene-d8	14133		10.303			
15067-26-2	Acenaphthene-d10	8347		14.177			

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:	YE646	SDG No.:	BM122724
Lab Sample ID:	P5324-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.7
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
BM049267.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19683	16.929				
1719-03-5	Chrysene-d12	17020	21.137				
1520-96-3	Perylene-d12	15633	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:	YE5X8	SDG No.:	BM122724
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
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
BM049268.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		1.1	0	8.4	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	0.42	U	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	8.4	ug/Kg
85-01-8	Phenanthrene	0.23	U	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	0.23	U	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	0.32	U	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	U	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.95	U	0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.947		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.259		30-130		65	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	4817		7.539			
1146-65-2	Naphthalene-d8	14978		10.299			
15067-26-2	Acenaphthene-d10	8669		14.178			

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:	YE5X8	SDG No.:	BM122724
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
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
BM049268.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20287	16.926				
1719-03-5	Chrysene-d12	17092	21.134				
1520-96-3	Perylene-d12	16461	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:	YE5X9	SDG No.:	BM122724
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.8
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
BM049269.D	1	12/23/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165797

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	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	0.99	4	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	0.99	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.99	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.9	U	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.067		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.216		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4891	7.539				
1146-65-2	Naphthalene-d8	15193	10.298				
15067-26-2	Acenaphthene-d10	8947	14.178				

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:	YE5X9	SDG No.:	BM122724
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.8
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
BM049269.D	1	12/23/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21103	16.926				
1719-03-5	Chrysene-d12	18106	21.134				
1520-96-3	Perylene-d12	16965	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE634	SDG No.:	BM122724
Lab Sample ID:	P5378-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM049270.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

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	0.4	U	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	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.194		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4882		7.539			
1146-65-2	Naphthalene-d8	15156		10.297			
15067-26-2	Acenaphthene-d10	9105		14.177			

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:	YE634	SDG No.:	BM122724
Lab Sample ID:	P5378-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM049270.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21869	16.929				
1719-03-5	Chrysene-d12	19776	21.134				
1520-96-3	Perylene-d12	18142	23.282				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE634MS	SDG No.:	BM122724
Lab Sample ID:	P5378-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
Sample Wt/Vol:	30.03	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
BM049271.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	15		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	9.7		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	10		0.22	1	4	ug/Kg
86-73-7	Fluorene	11		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	18		2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	11		0.22	1	4	ug/Kg
120-12-7	Anthracene	10		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	12		0.22	1	4	ug/Kg
129-00-0	Pyrene	12		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.11	1	4	ug/Kg
218-01-9	Chrysene	10		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	9.9		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.6		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.4		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.8		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.434		15-120		54	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.256		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4432		7.544			
1146-65-2	Naphthalene-d8	14027		10.303			
15067-26-2	Acenaphthene-d10	8816		14.177			

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:	YE634MS	SDG No.:	BM122724
Lab Sample ID:	P5378-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM049271.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20657	16.929				
1719-03-5	Chrysene-d12	20484	21.132				
1520-96-3	Perylene-d12	21684	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE634MSD	SDG No.:	BM122724
Lab Sample ID:	P5378-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM049272.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	14		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	9.3		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	10		0.22	1	4	ug/Kg
86-73-7	Fluorene	11		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	18		2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	11		0.22	1	4	ug/Kg
120-12-7	Anthracene	10		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	12		0.22	1	4	ug/Kg
129-00-0	Pyrene	13		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.11	1	4	ug/Kg
218-01-9	Chrysene	11		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	9.9		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.2		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.1		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.4		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.438		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4543	7.543				
1146-65-2	Naphthalene-d8	14724	10.303				
15067-26-2	Acenaphthene-d10	9415	14.177				

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:	YE634MSD	SDG No.:	BM122724
Lab Sample ID:	P5378-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.8
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
BM049272.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21764	16.929				
1719-03-5	Chrysene-d12	20764	21.134				
1520-96-3	Perylene-d12	21662	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE632	SDG No.:	BM122724
Lab Sample ID:	P5378-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.8
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
BM049273.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43		1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.65	U	0.65	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.42	U	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	8.4	ug/Kg
85-01-8	Phenanthrene	0.23	U	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	0.23	U	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.65	U	0.65	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.94	U	0.94	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.642		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	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	4899		7.539			
1146-65-2	Naphthalene-d8	15619		10.297			
15067-26-2	Acenaphthene-d10	9763		14.177			

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:	YE632	SDG No.:	BM122724
Lab Sample ID:	P5378-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.8
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
BM049273.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23991	16.925				
1719-03-5	Chrysene-d12	21829	21.132				
1520-96-3	Perylene-d12	20566	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	YE633	SDG No.:	BM122724
Lab Sample ID:	P5378-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM049274.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24		1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	0.26	U	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.67	U	0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	0.43	U	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	0.23	U	0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	0.22	U	0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	0.23	U	0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	0.31	U	0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	0.32	U	0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.61	U	0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.41	U	0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.67	U	0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.61	U	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.97	U	0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.343		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.148		30-130		37	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.151		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5457		7.539			
1146-65-2	Naphthalene-d8	17319		10.299			
15067-26-2	Acenaphthene-d10	10640		14.178			

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:	YE633	SDG No.:	BM122724
Lab Sample ID:	P5378-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.4
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
BM049274.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25195	16.926				
1719-03-5	Chrysene-d12	22214	21.134				
1520-96-3	Perylene-d12	20837	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SBLK848	SDG No.:	BM122724
Lab Sample ID:	PB165848BL	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
BM049276.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

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	4.775		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5010	7.539				
1146-65-2	Naphthalene-d8	15240	10.298				
15067-26-2	Acenaphthene-d10	8731	14.178				

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SBLK848	SDG No.:	BM122724
Lab Sample ID:	PB165848BL	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
BM049276.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20653	16.926				
1719-03-5	Chrysene-d12	15982	21.137				
1520-96-3	Perylene-d12	15235	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SBLK854	SDG No.:	BM122724
Lab Sample ID:	PB165854BL	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
BM049277.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

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	2.884		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.162		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.157		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6941	7.539				
1146-65-2	Naphthalene-d8	21517	10.299				
15067-26-2	Acenaphthene-d10	12707	14.178				

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SBLK854	SDG No.:	BM122724
Lab Sample ID:	PB165854BL	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
BM049277.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30282	16.926				
1719-03-5	Chrysene-d12	23268	21.137				
1520-96-3	Perylene-d12	23017	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	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:	YE685	SDG No.:	BM122724
Lab Sample ID:	P5378-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.9
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
BM049278.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.3	J	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	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	8.2	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	0.29	U	0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	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	0.58	U	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.139		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.227		30-130		57	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	5274		7.539			
1146-65-2	Naphthalene-d8	17155		10.299			
15067-26-2	Acenaphthene-d10	13217		14.174			

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:	YE685	SDG No.:	BM122724
Lab Sample ID:	P5378-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.9
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
BM049278.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27615	16.926				
1719-03-5	Chrysene-d12	23182	21.134				
1520-96-3	Perylene-d12	25099	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:	YE680	SDG No.:	BM122724
Lab Sample ID:	P5325-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
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
BM049279.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1	J	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	5.065		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.302		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5215		7.539			
1146-65-2	Naphthalene-d8	17018		10.297			
15067-26-2	Acenaphthene-d10	10127		14.177			

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:	YE680	SDG No.:	BM122724
Lab Sample ID:	P5325-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
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
BM049279.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24676	16.929				
1719-03-5	Chrysene-d12	23427	21.134				
1520-96-3	Perylene-d12	22089	23.285				
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:	YE680MS	SDG No.:	BM122724
Lab Sample ID:	P5325-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
Sample Wt/Vol:	30.09	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
BM049280.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32		1	0	7.8	ug/Kg
91-20-3	Naphthalene	8.2		0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	8.6		0.6	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	8.7		0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	8.2		0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	8.5		0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	9		0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	16		2.3	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	9.5		0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	9.1		0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	9.2		0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	9.5		0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	9		0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	8.9		0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.2		0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.6		0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	8.9		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.4		0.6	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.4		0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.7		0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.327		15-120		41	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.244		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5878		7.544			
1146-65-2	Naphthalene-d8	19934		10.304			
15067-26-2	Acenaphthene-d10	12832		14.178			

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:	YE680MS	SDG No.:	BM122724
Lab Sample ID:	P5325-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
Sample Wt/Vol:	30.09 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
BM049280.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28157	16.93				
1719-03-5	Chrysene-d12	25482	21.131				
1520-96-3	Perylene-d12	27039	23.285				
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:	YE680MSD	SDG No.:	BM122724
Lab Sample ID:	P5325-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
Sample Wt/Vol:	30.07 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
BM049281.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36		1	0	7.8	ug/Kg
91-20-3	Naphthalene	9.6		0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	9.9		0.61	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	9.4		0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	9.6		0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	10		0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	18		2.3	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	11		0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	10		0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	10		0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	11		0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	10		0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.6		0.61	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.5		0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.372		15-120		47	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5531		7.544			
1146-65-2	Naphthalene-d8	18027		10.304			
15067-26-2	Acenaphthene-d10	11315		14.178			

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:	YE680MSD	SDG No.:	BM122724
Lab Sample ID:	P5325-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
Sample Wt/Vol:	30.07 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
BM049281.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25399	16.93				
1719-03-5	Chrysene-d12	23638	21.131				
1520-96-3	Perylene-d12	25024	23.285				
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:	YE682	SDG No.:	BM122724
Lab Sample ID:	P5325-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.2
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
BM049282.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.7	J	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	0.39	U	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	0.21	U	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	0.21	U	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.89	U	0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.889		15-120		86	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.463		20-140		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6672	7.539				
1146-65-2	Naphthalene-d8	21856	10.299				
15067-26-2	Acenaphthene-d10	12953	14.174				

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:	YE682	SDG No.:	BM122724
Lab Sample ID:	P5325-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.2
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
BM049282.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29531	16.926				
1719-03-5	Chrysene-d12	25409	21.134				
1520-96-3	Perylene-d12	25497	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:	E2922	SDG No.:	BM122724
Lab Sample ID:	P5351-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
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
BM049283.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

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	1.9	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	2.3	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	4		0.22	1	4	ug/Kg
86-73-7	Fluorene	6		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	93	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	30		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	180	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	82	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	70	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	92	E	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	64		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	11		0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.803		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.192		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6208		7.539			
1146-65-2	Naphthalene-d8	20035		10.298			
15067-26-2	Acenaphthene-d10	12034		14.178			

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:	E2922	SDG No.:	BM122724
Lab Sample ID:	P5351-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
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
BM049283.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28110	16.926				
1719-03-5	Chrysene-d12	23561	21.128				
1520-96-3	Perylene-d12	23388	23.279				
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:	E2926MS	SDG No.:	BM122724
Lab Sample ID:	P5351-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.02 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
BM049284.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	13		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	22		0.22	1	4	ug/Kg
86-73-7	Fluorene	22		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	25		2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	160	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	44		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	230	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	190	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	92	E	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	45		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	92	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.386		15-120		48	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5383		7.544			
1146-65-2	Naphthalene-d8	17664		10.304			
15067-26-2	Acenaphthene-d10	11339		14.178			

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:	E2926MS	SDG No.:	BM122724
Lab Sample ID:	P5351-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.02 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
BM049284.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25373	16.926				
1719-03-5	Chrysene-d12	22249	21.128				
1520-96-3	Perylene-d12	24898	23.279				
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:	E2926MSD	SDG No.:	BM122724
Lab Sample ID:	P5351-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.05 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
BM049285.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37		1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	13		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	12		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	21		0.22	1	4	ug/Kg
86-73-7	Fluorene	21		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	24		2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	150	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	41		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	230	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	180	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	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	47		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	87	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	21		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.367		15-120		46	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.276		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.268		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5682		7.544			
1146-65-2	Naphthalene-d8	18690		10.303			
15067-26-2	Acenaphthene-d10	11956		14.177			

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:	E2926MSD	SDG No.:	BM122724
Lab Sample ID:	P5351-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.05 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
BM049285.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26354	16.925				
1719-03-5	Chrysene-d12	22535	21.129				
1520-96-3	Perylene-d12	25194	23.28				
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:	E2924	SDG No.:	BM122724
Lab Sample ID:	P5351-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.1
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
BM049286.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

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	1.5	J	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.7	J	0.68	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	J	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	1.1	J	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	2.5	J	0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	2.9	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	34		0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	8.8		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	67		0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	47		0.32	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	29		0.33	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	48		0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	22		0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.6		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.6		0.98	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.754		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.262		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5906		7.539			
1146-65-2	Naphthalene-d8	18826		10.297			
15067-26-2	Acenaphthene-d10	11105		14.177			

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:	E2924	SDG No.:	BM122724
Lab Sample ID:	P5351-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.1
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
BM049286.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25948	16.925				
1719-03-5	Chrysene-d12	22713	21.129				
1520-96-3	Perylene-d12	21982	23.282				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	E2925	SDG No.:	BM122724
Lab Sample ID:	P5351-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.4
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
BM049287.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

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	2.6	J	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	3	J	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	J	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	3	J	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	5.9		0.23	1	4.1	ug/Kg
86-73-7	Fluorene	7.1		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	73	E	0.23	1	4.1	ug/Kg
120-12-7	Anthracene	18		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	110	E	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	80	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	49		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	43		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	63		0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	20		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	43		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.1		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.978		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.184		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.204		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6984		7.539			
1146-65-2	Naphthalene-d8	23003		10.299			
15067-26-2	Acenaphthene-d10	13779		14.178			

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:	E2925	SDG No.:	BM122724
Lab Sample ID:	P5351-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.4
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
BM049287.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33024	16.926				
1719-03-5	Chrysene-d12	27370	21.128				
1520-96-3	Perylene-d12	27634	23.282				
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:	E2926	SDG No.:	BM122724
Lab Sample ID:	P5351-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM049288.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

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	1.2	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.4	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	3.6	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	3.1	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	43		0.22	1	4	ug/Kg
120-12-7	Anthracene	9.6		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	69	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	52		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	31		0.11	1	4	ug/Kg
218-01-9	Chrysene	28		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	41		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	29		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.8		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.443		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.191		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.227		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6574		7.539			
1146-65-2	Naphthalene-d8	21339		10.299			
15067-26-2	Acenaphthene-d10	12845		14.178			

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:	E2926	SDG No.:	BM122724
Lab Sample ID:	P5351-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM049288.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30186	16.926				
1719-03-5	Chrysene-d12	26471	21.131				
1520-96-3	Perylene-d12	26427	23.282				
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:	YE686	SDG No.:	BM122724
Lab Sample ID:	P5378-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM049289.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3	J	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	0.4	U	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	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	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	0.9	U	0.9	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.013		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.221		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6535	7.539				
1146-65-2	Naphthalene-d8	20456	10.299				
15067-26-2	Acenaphthene-d10	16006	14.178				

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:	YE686	SDG No.:	BM122724
Lab Sample ID:	P5378-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
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
BM049289.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32242	16.93				
1719-03-5	Chrysene-d12	30120	21.14				
1520-96-3	Perylene-d12	29808	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:	YE601	SDG No.:	BM122724
Lab Sample ID:	P5324-14	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 :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049290.D	1	12/23/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165797

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	0.24	U	0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	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	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	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	0.21	U	0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.88	U	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.11		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7279		7.539			
1146-65-2	Naphthalene-d8	23246		10.299			
15067-26-2	Acenaphthene-d10	13264		14.178			

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:	YE601	SDG No.:	BM122724
Lab Sample ID:	P5324-14	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
BM049290.D	1	12/23/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165797

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30895	16.93				
1719-03-5	Chrysene-d12	26024	21.134				
1520-96-3	Perylene-d12	22695	23.282				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SLCS854	SDG No.:	BM122724
Lab Sample ID:	PB165854BS	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
BM049291.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.8		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	9.5		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.5		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.6		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.5		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	21		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.5		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	9		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	9.2		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	9.4		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	9.9		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	9.2		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.6		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.7		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.7		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.9		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.558		15-120		70	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.297		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5748	7.544				
1146-65-2	Naphthalene-d8	16715	10.303				
15067-26-2	Acenaphthene-d10	9341	14.182				

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SLCS854	SDG No.:	BM122724
Lab Sample ID:	PB165854BS	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
BM049291.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17942	16.933				
1719-03-5	Chrysene-d12	17469	21.135				
1520-96-3	Perylene-d12	20870	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SLCS848	SDG No.:	BM122724
Lab Sample ID:	PB165848BS	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
BM049292.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

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	9.3		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	9.5		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.3		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	8.8		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	8.9		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.1		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	18		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	8.9		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	8.8		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	8.8		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		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	9		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.8		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	8.9		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.5		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.4		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.6		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.528		15-120		66	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.288		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5992		7.544			
1146-65-2	Naphthalene-d8	18716		10.304			
15067-26-2	Acenaphthene-d10	11788		14.178			

Report of Analysis

Client:		Date Collected:	12/26/2024 12:00:00 AM
Project:		Date Received:	12/26/2024 12:00:00 AM
Client Sample ID:	SLCS848	SDG No.:	BM122724
Lab Sample ID:	PB165848BS	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
BM049292.D	1	12/26/2024 12:00:00 AM	12/28/2024 12:00:00 AM	PB165848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25603	16.93				
1719-03-5	Chrysene-d12	24712	21.134				
1520-96-3	Perylene-d12	27459	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : YE5X5								
P5324-01	YE5X5	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
			Total Tics :			0.00		
P5324-01	YE5X5	Solid	1,4-Dioxane		3.600	J 1.1	8.5	ug/Kg
			Total Svoc :			3.60		
			Total Concentration:			3.60		
Client ID : YE5X7								
P5324-02	YE5X7	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P5324-02	YE5X7	Solid	1,4-Dioxane		3.000	J 1.1	8.2	ug/Kg
			Total Svoc :			3.00		
			Total Concentration:			3.00		
Client ID : YE5Y1								
P5324-03	YE5Y1	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
			Total Tics :			0.00		
P5324-03	YE5Y1	Solid	1,4-Dioxane		3.200	J 1.1	8.4	ug/Kg
			Total Svoc :			3.20		
			Total Concentration:			3.20		
Client ID : YE5X6								
P5324-04	YE5X6	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P5324-04	YE5X6	Solid	1,4-Dioxane		4.100	J 1.1	8.2	ug/Kg
			Total Svoc :			4.10		
			Total Concentration:			4.10		
Client ID : YE5X8								
P5324-07	YE5X8	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
			Total Tics :			0.00		
P5324-07	YE5X8	Solid	1,4-Dioxane		15.000	1.1	8.4	ug/Kg
			Total Svoc :			15.00		
			Total Concentration:			15.00		
Client ID : YE5X9								
P5324-08	YE5X9	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE5Z7								
P5324-09	YE5Z7	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5324-09	YE5Z7	Solid	1,4-Dioxane	5.300	J	1	7.5	ug/Kg
			Total Svoc :			5.30		
			Total Concentration:			5.30		
Client ID : YE695								
P5324-10	YE695	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE5Z8								
P5324-11	YE5Z8	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P5324-11	YE5Z8	Solid	1,4-Dioxane	10.000		1.1	8.1	ug/Kg
			Total Svoc :			10.00		
			Total Concentration:			10.00		
Client ID : YE5Z9								
P5324-12	YE5Z9	Solid	Total Alkanes	*	0.000	1.2	8.7	ug/Kg
			Total Tics :			0.00		
P5324-12	YE5Z9	Solid	1,4-Dioxane	10.000		1.2	8.7	ug/Kg
			Total Svoc :			10.00		
			Total Concentration:			10.00		
Client ID : YE600								
P5324-13	YE600	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P5324-13	YE600	Solid	1,4-Dioxane	4.300	J	1.1	8.2	ug/Kg
			Total Svoc :			4.30		
			Total Concentration:			4.30		
Client ID : YE601								
P5324-14	YE601	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE630								
P5324-15	YE630	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
			Total Tics :			0.00		
P5324-15	YE630	Solid	1,4-Dioxane	8.200		1	7.8	ug/Kg
			Total Svoc :			8.20		
			Total Concentration:			8.20		
Client ID : YE631								
P5324-16	YE631	Solid	Total Alkanes	*	0.000	1.2	9	ug/Kg
			Total Tics :			0.00		

Hit Summary Sheet
SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5324-16	YE631	Solid	1,4-Dioxane	31.000		1.2	9	ug/Kg
			Total Svoc :			31.00		
			Total Concentration:			31.00		
Client ID : YE635								
P5324-17	YE635	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE642								
P5324-18	YE642	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE643								
P5324-19	YE643	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P5324-19	YE643	Solid	1,4-Dioxane		9.100	1.1	8.1	ug/Kg
			Total Svoc :			9.10		
			Total Concentration:			9.10		
Client ID : YE644								
P5324-20	YE644	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
			Total Tics :			0.00		
P5324-20	YE644	Solid	1,4-Dioxane		12.000	1.1	8.6	ug/Kg
			Total Svoc :			12.00		
			Total Concentration:			12.00		
Client ID : YE645								
P5324-21	YE645	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE646								
P5324-22	YE646	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE680								
P5325-01	YE680	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
			Total Tics :			0.00		
P5325-01	YE680	Solid	1,4-Dioxane		2.100	J 1	7.8	ug/Kg
			Total Svoc :			2.10		
			Total Concentration:			2.10		

Hit Summary Sheet
SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : YE682								
P5325-04	YE682	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
P5325-04	YE682	Solid	1,4-Dioxane		3.700	J 1.1	8	ug/Kg
			Total Svoc :			3.70		
			Total Concentration:			3.70		
Client ID : E2914DL								
P5333-12DL	E2914DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
			Total Tics :			0.00		
P5333-12DL	E2914DL	Solid	1-Methylnaphthalene		18.000	JD 3.3	21	ug/Kg
P5333-12DL	E2914DL	Solid	2-Methylnaphthalene		42.000	D 1.2	21	ug/Kg
P5333-12DL	E2914DL	Solid	Acenaphthene		4.700	JD 1.2	21	ug/Kg
P5333-12DL	E2914DL	Solid	Anthracene		9.900	JD 1.1	21	ug/Kg
P5333-12DL	E2914DL	Solid	Benzo(a)anthracene		66.000	D 0.6	21	ug/Kg
P5333-12DL	E2914DL	Solid	Benzo(a)pyrene		67.000	D 2.1	21	ug/Kg
P5333-12DL	E2914DL	Solid	Benzo(b)fluoranthene		160.000	D 3	21	ug/Kg
P5333-12DL	E2914DL	Solid	Benzo(g,h,i)perylene		11.000	JD 4.8	21	ug/Kg
P5333-12DL	E2914DL	Solid	Benzo(k)fluoranthene		58.000	D 2.1	21	ug/Kg
P5333-12DL	E2914DL	Solid	Chrysene		91.000	D 1.6	21	ug/Kg
P5333-12DL	E2914DL	Solid	Dibenzo(a,h)anthracene		20.000	JD 3	21	ug/Kg
P5333-12DL	E2914DL	Solid	Fluoranthene		91.000	D 1.2	21	ug/Kg
P5333-12DL	E2914DL	Solid	Indeno(1,2,3-cd)pyrene		55.000	D 3.3	21	ug/Kg
P5333-12DL	E2914DL	Solid	Naphthalene		32.000	D 1.3	21	ug/Kg
P5333-12DL	E2914DL	Solid	Phenanthrene		70.000	D 1.2	21	ug/Kg
P5333-12DL	E2914DL	Solid	Pyrene		79.000	D 1.5	21	ug/Kg
			Total Svoc :			874.60		
			Total Concentration:			874.60		
Client ID : E2922								
P5351-01	E2922	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P5351-01	E2922	Solid	1-Methylnaphthalene		1.800	J 0.64	4	ug/Kg
P5351-01	E2922	Solid	2-Methylnaphthalene		1.800	J 0.23	4	ug/Kg
P5351-01	E2922	Solid	Acenaphthene		4.000	0.22	4	ug/Kg
P5351-01	E2922	Solid	Acenaphthylene		2.300	J 0.4	4	ug/Kg
P5351-01	E2922	Solid	Anthracene		30.000	0.21	4	ug/Kg
P5351-01	E2922	Solid	Benzo(a)anthracene		82.000	E 0.11	4	ug/Kg
P5351-01	E2922	Solid	Benzo(a)pyrene		64.000	0.39	4	ug/Kg
P5351-01	E2922	Solid	Benzo(b)fluoranthene		92.000	E 0.58	4	ug/Kg
P5351-01	E2922	Solid	Benzo(g,h,i)perylene		38.000	0.92	4	ug/Kg
P5351-01	E2922	Solid	Benzo(k)fluoranthene		31.000	0.39	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5351-01	E2922	Solid	Chrysene	70.000	E	0.31	4	ug/Kg
P5351-01	E2922	Solid	Dibenzo(a,h)anthracene	11.000		0.58	4	ug/Kg
P5351-01	E2922	Solid	Fluoranthene	180.000	E	0.22	4	ug/Kg
P5351-01	E2922	Solid	Fluorene	6.000		0.27	4	ug/Kg
P5351-01	E2922	Solid	Indeno(1,2,3-cd)pyrene	31.000		0.64	4	ug/Kg
P5351-01	E2922	Solid	Naphthalene	1.900	J	0.24	4	ug/Kg
P5351-01	E2922	Solid	Phenanthrene	93.000	E	0.22	4	ug/Kg
P5351-01	E2922	Solid	Pyrene	130.000	E	0.29	4	ug/Kg

Total Svoc : 869.80

Total Concentration: 869.80

Client ID : E2924

P5351-02	E2924	Solid	Total Alkanes	*	0.000	1.2	8.8	ug/Kg
Total Tics :					0.00			
P5351-02	E2924	Solid	1-Methylnaphthalene		1.700	J	0.68	ug/Kg
P5351-02	E2924	Solid	2-Methylnaphthalene		1.400	J	0.25	ug/Kg
P5351-02	E2924	Solid	Acenaphthene		2.500	J	0.24	ug/Kg
P5351-02	E2924	Solid	Acenaphthylene		1.100	J	0.43	ug/Kg
P5351-02	E2924	Solid	Anthracene		8.800		0.22	ug/Kg
P5351-02	E2924	Solid	Benzo(a)anthracene		33.000		0.12	ug/Kg
P5351-02	E2924	Solid	Benzo(a)pyrene		22.000		0.42	ug/Kg
P5351-02	E2924	Solid	Benzo(b)fluoranthene		48.000		0.62	ug/Kg
P5351-02	E2924	Solid	Benzo(g,h,i)perylene		4.600		0.98	ug/Kg
P5351-02	E2924	Solid	Benzo(k)fluoranthene		16.000		0.42	ug/Kg
P5351-02	E2924	Solid	Chrysene		29.000		0.33	ug/Kg
P5351-02	E2924	Solid	Dibenzo(a,h)anthracene		5.600		0.62	ug/Kg
P5351-02	E2924	Solid	Fluoranthene		67.000		0.24	ug/Kg
P5351-02	E2924	Solid	Fluorene		2.900	J	0.29	ug/Kg
P5351-02	E2924	Solid	Indeno(1,2,3-cd)pyrene		14.000		0.68	ug/Kg
P5351-02	E2924	Solid	Naphthalene		1.500	J	0.26	ug/Kg
P5351-02	E2924	Solid	Phenanthrene		34.000		0.24	ug/Kg
P5351-02	E2924	Solid	Pyrene		47.000		0.32	ug/Kg

Total Svoc : 340.10

Total Concentration: 340.10

Client ID : E2925

P5351-03	E2925	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :					0.00			
P5351-03	E2925	Solid	1-Methylnaphthalene		3.000	J	0.65	ug/Kg
P5351-03	E2925	Solid	2-Methylnaphthalene		2.900	J	0.24	ug/Kg
P5351-03	E2925	Solid	Acenaphthene		5.900		0.23	ug/Kg
P5351-03	E2925	Solid	Acenaphthylene		3.000	J	0.41	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5351-03	E2925	Solid	Anthracene	18.000		0.21	4.1	ug/Kg
P5351-03	E2925	Solid	Benzo(a)anthracene	49.000		0.12	4.1	ug/Kg
P5351-03	E2925	Solid	Benzo(a)pyrene	43.000		0.4	4.1	ug/Kg
P5351-03	E2925	Solid	Benzo(b)fluoranthene	63.000		0.59	4.1	ug/Kg
P5351-03	E2925	Solid	Benzo(g,h,i)perylene	29.000		0.94	4.1	ug/Kg
P5351-03	E2925	Solid	Benzo(k)fluoranthene	20.000		0.4	4.1	ug/Kg
P5351-03	E2925	Solid	Chrysene	43.000		0.31	4.1	ug/Kg
P5351-03	E2925	Solid	Dibenzo(a,h)anthracene	7.100		0.59	4.1	ug/Kg
P5351-03	E2925	Solid	Fluoranthene	110.000	E	0.23	4.1	ug/Kg
P5351-03	E2925	Solid	Fluorene	7.100		0.28	4.1	ug/Kg
P5351-03	E2925	Solid	Indeno(1,2,3-cd)pyrene	23.000		0.65	4.1	ug/Kg
P5351-03	E2925	Solid	Naphthalene	2.600	J	0.25	4.1	ug/Kg
P5351-03	E2925	Solid	Phenanthrene	73.000	E	0.23	4.1	ug/Kg
P5351-03	E2925	Solid	Pyrene	80.000	E	0.3	4.1	ug/Kg

Total Svoc :

582.60

Total Concentration:

582.60

Client ID : E2926

P5351-04	E2926	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg	
			Total Tics :		0.00				
P5351-04	E2926	Solid	1-Methylnaphthalene		1.200	J	0.63	4	ug/Kg
P5351-04	E2926	Solid	2-Methylnaphthalene		1.200	J	0.23	4	ug/Kg
P5351-04	E2926	Solid	Acenaphthene		3.600	J	0.22	4	ug/Kg
P5351-04	E2926	Solid	Acenaphthylene		1.400	J	0.4	4	ug/Kg
P5351-04	E2926	Solid	Anthracene		9.600		0.21	4	ug/Kg
P5351-04	E2926	Solid	Benzo(a)anthracene		31.000		0.11	4	ug/Kg
P5351-04	E2926	Solid	Benzo(a)pyrene		29.000		0.39	4	ug/Kg
P5351-04	E2926	Solid	Benzo(b)fluoranthene		41.000		0.57	4	ug/Kg
P5351-04	E2926	Solid	Benzo(g,h,i)perylene		20.000		0.91	4	ug/Kg
P5351-04	E2926	Solid	Benzo(k)fluoranthene		14.000		0.39	4	ug/Kg
P5351-04	E2926	Solid	Chrysene		28.000		0.3	4	ug/Kg
P5351-04	E2926	Solid	Dibenzo(a,h)anthracene		4.800		0.57	4	ug/Kg
P5351-04	E2926	Solid	Fluoranthene		69.000	E	0.22	4	ug/Kg
P5351-04	E2926	Solid	Fluorene		3.100	J	0.27	4	ug/Kg
P5351-04	E2926	Solid	Indeno(1,2,3-cd)pyrene		15.000		0.63	4	ug/Kg
P5351-04	E2926	Solid	Naphthalene		1.200	J	0.24	4	ug/Kg
P5351-04	E2926	Solid	Phenanthrene		43.000		0.22	4	ug/Kg
P5351-04	E2926	Solid	Pyrene		52.000		0.29	4	ug/Kg

Total Svoc :

368.10

Total Concentration:

368.10

Hit Summary Sheet SW-846

SDG No.: BM122724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : YE632								
P5378-01	YE632	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
			Total Tics :			0.00		
P5378-01	YE632	Solid	1,4-Dioxane		43.000	1.1	8.4	ug/Kg
			Total Svoc :			43.00		
			Total Concentration:			43.00		
Client ID : YE633								
P5378-02	YE633	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
			Total Tics :			0.00		
P5378-02	YE633	Solid	1,4-Dioxane		24.000	1.1	8.6	ug/Kg
			Total Svoc :			24.00		
			Total Concentration:			24.00		
Client ID : YE634								
P5378-03	YE634	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YE685								
P5378-07	YE685	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P5378-07	YE685	Solid	1,4-Dioxane		4.300	J 1.1	8.2	ug/Kg
			Total Svoc :			4.30		
			Total Concentration:			4.30		
Client ID : YE686								
P5378-08	YE686	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P5378-08	YE686	Solid	1,4-Dioxane		3.000	J 1.1	8.1	ug/Kg
			Total Svoc :			3.00		
			Total Concentration:			3.00		



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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015

Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049046.D

Time Analyzed: 08:07

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	SBLK797	2628	7.54	7613	10.30	4389	14.18
02	YE5X5	3029	7.54	8884	10.30	4929	14.18
03	YE5X7	3263	7.54	9893	10.30	5854	14.18
04	E2914DL	3234	7.54	9579	10.31	5888	14.18
05	YE5X6	3854	7.54	11635	10.30	6657	14.18
06	YE5X6MS	2873	7.55	8726	10.31	5609	14.18
07	YE5X6MSD	2903	7.55	8754	10.32	5690	14.18
08	YE5Y1	3261	7.54	9740	10.30	5698	14.18
09	YE5Z7	4138	7.54	13173	10.30	7669	14.18
10	YE695	3776	7.54	11519	10.30	6673	14.18
11	YE643	3482	7.54	10336	10.30	6068	14.18
12	YE644	3670	7.54	10895	10.30	6427	14.18
13	YE645	3356	7.54	9818	10.30	5757	14.18
14	SLCS797	3192	7.55	10025	10.31	6437	14.19
15	SBLK797	2879	7.54	8390	10.30	4939	14.18
16	YE5Z9	3289	7.54	9818	10.30	5809	14.18
17	YE600	3395	7.54	10273	10.30	6135	14.18
18	YE630	3971	7.54	11604	10.30	7351	14.18
19	YE631	4441	7.54	13268	10.30	10097	14.18
20	YE635	5017	7.54	16058	10.30	9696	14.18
21	YE642	4819	7.54	14890	10.30	9554	14.18
22	YE5Z8	4774	7.54	15200	10.30	9042	14.18
23	YE646	4499	7.54	14133	10.30	8347	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015

Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049046.D

Time Analyzed: 23:37

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	YE5X8	4817	7.54	14978	10.30	8669	14.18
25	YE5X9	4891	7.54	15193	10.30	8947	14.18
26	YE634	4882	7.54	15156	10.30	9105	14.18
27	YE634MS	4432	7.54	14027	10.30	8816	14.18
28	YE634MSD	4543	7.54	14724	10.30	9415	14.18
29	YE632	4899	7.54	15619	10.30	9763	14.18
30	YE633	5457	7.54	17319	10.30	10640	14.18
31	SBLK848	5010	7.54	15240	10.30	8731	14.18
32	SBLK854	6941	7.54	21517	10.30	12707	14.18
33	YE685	5274	7.54	17155	10.30	13217	14.17
34	YE680	5215	7.54	17018	10.30	10127	14.18
35	YE680MS	5878	7.54	19934	10.30	12832	14.18
36	YE680MSD	5531	7.54	18027	10.30	11315	14.18
37	YE682	6672	7.54	21856	10.30	12953	14.17
38	E2922	6208	7.54	20035	10.30	12034	14.18
39	E2926MS	5383	7.54	17664	10.30	11339	14.18
40	E2926MSD	5682	7.54	18690	10.30	11956	14.18
41	E2924	5906	7.54	18826	10.30	11105	14.18
42	E2925	6984	7.54	23003	10.30	13779	14.18
43	E2926	6574	7.54	21339	10.30	12845	14.18
44	YE686	6535	7.54	20456	10.30	16006	14.18
45	YE601	7279	7.54	23246	10.30	13264	14.18
46	SLCS854	5748	7.54	16715	10.30	9341	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 14:32

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 SLCS848	5992	7.54	18716	10.30	11788	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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4131 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049243.D Time Analyzed: 08:07

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	3159	7.548	9349	10.31	5659	14.19
UPPER LIMIT	6318	8.048	18698	10.81	11318	14.687
LOWER LIMIT	1579.5	7.048	4674.5	9.81	2829.5	13.687
EPA SAMPLE NO.						
01 SBLK797	2628	7.54	7613	10.30	4389	14.18
02 YE5X5	3029	7.54	8884	10.30	4929	14.18
03 YE5X7	3263	7.54	9893	10.30	5854	14.18
04 E2914DL	3234	7.54	9579	10.31	5888	14.18
05 YE5X6	3854	7.54	11635	10.30	6657	14.18
06 YE5X6MS	2873	7.55	8726	10.31	5609	14.18
07 YE5X6MSD	2903	7.55	8754	10.32	5690	14.18
08 YE5Y1	3261	7.54	9740	10.30	5698	14.18
09 YE5Z7	4138	7.54	13173	10.30	7669	14.18
10 YE695	3776	7.54	11519	10.30	6673	14.18
11 YE643	3482	7.54	10336	10.30	6068	14.18
12 YE644	3670	7.54	10895	10.30	6427	14.18
13 YE645	3356	7.54	9818	10.30	5757	14.18
14 SLCS797	3192	7.55	10025	10.31	6437	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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4132 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049258.D Time Analyzed: 18:14

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	3269	7.548	9876	10.31	6155	14.18
	UPPER LIMIT	6538	8.048	19752	10.81	12310	14.683
	LOWER LIMIT	1634.5	7.048	4938	9.81	3077.5	13.683
	EPA SAMPLE NO.						
01	SBLK797	2879	7.54	8390	10.30	4939	14.18
02	YE5Z9	3289	7.54	9818	10.30	5809	14.18
03	YE600	3395	7.54	10273	10.30	6135	14.18
04	YE630	3971	7.54	11604	10.30	7351	14.18
05	YE631	4441	7.54	13268	10.30	10097	14.18
06	YE635	5017	7.54	16058	10.30	9696	14.18
07	YE642	4819	7.54	14890	10.30	9554	14.18
08	YE5Z8	4774	7.54	15200	10.30	9042	14.18
09	YE646	4499	7.54	14133	10.30	8347	14.18
10	YE5X8	4817	7.54	14978	10.30	8669	14.18
11	YE5X9	4891	7.54	15193	10.30	8947	14.18
12	YE634	4882	7.54	15156	10.30	9105	14.18
13	YE634MS	4432	7.54	14027	10.30	8816	14.18
14	YE634MSD	4543	7.54	14724	10.30	9415	14.18
15	YE632	4899	7.54	15619	10.30	9763	14.18
16	YE633	5457	7.54	17319	10.30	10640	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4132 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049258.D Time Analyzed: 03:11

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	3269	7.548	9876	10.31	6155	14.18
UPPER LIMIT	6538	8.048	19752	10.81	12310	14.683
LOWER LIMIT	1634.5	7.048	4938	9.81	3077.5	13.683
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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4133 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049275.D Time Analyzed: 04:59

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5244	7.543	16324	10.30	10439	14.18
	UPPER LIMIT	10488	8.043	32648	10.804	20878	14.678
	LOWER LIMIT	2622	7.043	8162	9.804	5219.5	13.678
	EPA SAMPLE NO.						
01	SBLK848	5010	7.54	15240	10.30	8731	14.18
02	SBLK854	6941	7.54	21517	10.30	12707	14.18
03	YE685	5274	7.54	17155	10.30	13217	14.17
04	YE680	5215	7.54	17018	10.30	10127	14.18
05	YE680MS	5878	7.54	19934	10.30	12832	14.18
06	YE680MSD	5531	7.54	18027	10.30	11315	14.18
07	YE682	6672	7.54	21856	10.30	12953	14.17
08	E2922	6208	7.54	20035	10.30	12034	14.18
09	E2926MS	5383	7.54	17664	10.30	11339	14.18
10	E2926MSD	5682	7.54	18690	10.30	11956	14.18
11	E2924	5906	7.54	18826	10.30	11105	14.18
12	E2925	6984	7.54	23003	10.30	13779	14.18
13	E2926	6574	7.54	21339	10.30	12845	14.18
14	YE686	6535	7.54	20456	10.30	16006	14.18
15	YE601	7279	7.54	23246	10.30	13264	14.18
16	SLCS854	5748	7.54	16715	10.30	9341	14.18
17	SLCS848	5992	7.54	18716	10.30	11788	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4133 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049275.D Time Analyzed: 14:32

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	5244	7.543	16324	10.30	10439	14.18
UPPER LIMIT	10488	8.043	32648	10.804	20878	14.678
LOWER LIMIT	2622	7.043	8162	9.804	5219.5	13.678
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 08:07

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	SBLK797	10544	16.93	8951	21.14	8837	23.29
02	YE5X5	11543	16.93	10014	21.14	9101	23.29
03	YE5X7	13528	16.93	10668	21.14	10057	23.29
04	E2914DL	13196	16.93	11818	21.14	12851	23.29
05	YE5X6	15337	16.93	12447	21.13	11595	23.29
06	YE5X6MS	11862	16.94	9905	21.13	10730	23.29
07	YE5X6MSD	12823	16.93	10029	21.14	10993	23.29
08	YE5Y1	13609	16.93	13932	21.14	14104	23.29
09	YE5Z7	17666	16.93	14111	21.13	13105	23.29
10	YE695	15857	16.93	13412	21.14	12084	23.28
11	YE643	14477	16.93	12506	21.13	11716	23.29
12	YE644	14938	16.93	12609	21.14	11928	23.29
13	YE645	13574	16.93	11881	21.14	10864	23.29
14	SLCS797	14304	16.94	10803	21.14	11640	23.29
15	SBLK797	11823	16.93	9218	21.14	8446 *	23.29
16	YE5Z9	14189	16.93	11489	21.14	10577	23.29
17	YE600	14518	16.93	12195	21.14	10900	23.29
18	YE630	18354	16.93	17565	21.13	15901	23.29
19	YE631	23272	16.93	20568	21.14	18967	23.29
20	YE635	22765	16.93	20063	21.13	18890	23.29
21	YE642	23469	16.93	21013	21.13	19320	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 22:25

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	YE5Z8	21138	16.93	17812	21.14	16772	23.29
23	YE646	19683	16.93	17020	21.14	15633	23.29
24	YE5X8	20287	16.93	17092	21.13	16461	23.29
25	YE5X9	21103	16.93	18106	21.13	16965	23.29
26	YE634	21869	16.93	19776	21.13	18142	23.28
27	YE634MS	20657	16.93	20484	21.13	21684	23.29
28	YE634MSD	21764	16.93	20764	21.13	21662	23.29
29	YE632	23991	16.93	21829	21.13	20566	23.29
30	YE633	25195	16.93	22214	21.13	20837	23.29
31	SBLK848	20653	16.93	15982	21.14	15235	23.29
32	SBLK854	30282	16.93	23268	21.14	23017	23.29
33	YE685	27615	16.93	23182	21.13	25099	23.29
34	YE680	24676	16.93	23427	21.13	22089	23.29
35	YE680MS	28157	16.93	25482	21.13	27039	23.29
36	YE680MSD	25399	16.93	23638	21.13	25024	23.29
37	YE682	29531	16.93	25409	21.13	25497	23.29
38	E2922	28110	16.93	23561	21.13	23388	23.28
39	E2926MS	25373	16.93	22249	21.13	24898	23.28
40	E2926MSD	26354	16.93	22535	21.13	25194	23.28
41	E2924	25948	16.93	22713	21.13	21982	23.28
42	E2925	33024	16.93	27370	21.13	27634	23.28

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 12:08

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	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 E2926	30186	16.93	26471	21.13	26427	23.28
44 YE686	32242	16.93	30120 *	21.14	29808	23.29
45 YE601	30895	16.93	26024	21.13	22695	23.28
46 SLCS854	17942	16.93	17469	21.14	20870	23.29
47 SLCS848	25603	16.93	24712	21.13	27459	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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4131 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049243.D Time Analyzed: 08:07

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	12635	16.939	10260	21.137	11219	23.291
UPPER LIMIT	25270	17.439	20520	21.637	22438	23.791
LOWER LIMIT	6317.5	16.439	5130	20.637	5609.5	22.791
EPA SAMPLE NO.						
01 SBLK797	10544	16.93	8951	21.14	8837	23.29
02 YE5X5	11543	16.93	10014	21.14	9101	23.29
03 YE5X7	13528	16.93	10668	21.14	10057	23.29
04 E2914DL	13196	16.93	11818	21.14	12851	23.29
05 YE5X6	15337	16.93	12447	21.13	11595	23.29
06 YE5X6MS	11862	16.94	9905	21.13	10730	23.29
07 YE5X6MSD	12823	16.93	10029	21.14	10993	23.29
08 YE5Y1	13609	16.93	13932	21.14	14104	23.29
09 YE5Z7	17666	16.93	14111	21.13	13105	23.29
10 YE695	15857	16.93	13412	21.14	12084	23.28
11 YE643	14477	16.93	12506	21.13	11716	23.29
12 YE644	14938	16.93	12609	21.14	11928	23.29
13 YE645	13574	16.93	11881	21.14	10864	23.29
14 SLCS797	14304	16.94	10803	21.14	11640	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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4132 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BM049258.D Time Analyzed: 18:14

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	13859	16.934	10791	21.137	11885	23.291
	UPPER LIMIT	27718	17.434	21582	21.637	23770	23.791
	LOWER LIMIT	6929.5	16.434	5395.5	20.637	5942.5	22.791
	EPA SAMPLE NO.						
01	SBLK797	11823	16.93	9218	21.14	8446	23.29
02	YE5Z9	14189	16.93	11489	21.14	10577	23.29
03	YE600	14518	16.93	12195	21.14	10900	23.29
04	YE630	18354	16.93	17565	21.13	15901	23.29
05	YE631	23272	16.93	20568	21.14	18967	23.29
06	YE635	22765	16.93	20063	21.13	18890	23.29
07	YE642	23469	16.93	21013	21.13	19320	23.29
08	YE5Z8	21138	16.93	17812	21.14	16772	23.29
09	YE646	19683	16.93	17020	21.14	15633	23.29
10	YE5X8	20287	16.93	17092	21.13	16461	23.29
11	YE5X9	21103	16.93	18106	21.13	16965	23.29
12	YE634	21869	16.93	19776	21.13	18142	23.28
13	YE634MS	20657	16.93	20484	21.13	21684	23.29
14	YE634MSD	21764	16.93	20764	21.13	21662	23.29
15	YE632	23991	16.93	21829 *	21.13	20566	23.29
16	YE633	25195	16.93	22214 *	21.13	20837	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4132 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049258.D Time Analyzed: 03:11

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	13859	16.934	10791	21.137	11885	23.291
UPPER LIMIT	27718	17.434	21582	21.637	23770	23.791
LOWER LIMIT	6929.5	16.434	5395.5	20.637	5942.5	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.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4133 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049275.D Time Analyzed: 04:59

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	23732	16.93	19092	21.134	20560	23.285
	UPPER LIMIT	47464	17.43	38184	21.634	41120	23.785
	LOWER LIMIT	11866	16.43	9546	20.634	10280	22.785
	EPA SAMPLE NO.						
01	SBLK848	20653	16.93	15982	21.14	15235	23.29
02	SBLK854	30282	16.93	23268	21.14	23017	23.29
03	YE685	27615	16.93	23182	21.13	25099	23.29
04	YE680	24676	16.93	23427	21.13	22089	23.29
05	YE680MS	28157	16.93	25482	21.13	27039	23.29
06	YE680MSD	25399	16.93	23638	21.13	25024	23.29
07	YE682	29531	16.93	25409	21.13	25497	23.29
08	E2922	28110	16.93	23561	21.13	23388	23.28
09	E2926MS	25373	16.93	22249	21.13	24898	23.28
10	E2926MSD	26354	16.93	22535	21.13	25194	23.28
11	E2924	25948	16.93	22713	21.13	21982	23.28
12	E2925	33024	16.93	27370	21.13	27634	23.28
13	E2926	30186	16.93	26471	21.13	26427	23.28
14	YE686	32242	16.93	30120	21.14	29808	23.29
15	YE601	30895	16.93	26024	21.13	22695	23.28
16	SLCS854	17942	16.93	17469	21.14	20870	23.29
17	SLCS848	25603	16.93	24712	21.13	27459	23.29

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122724 SAS No.: BM122724 SDG NO.: BM122724

EPA Sample No.: SSTD0.4133 Date Analyzed: Dec 28 2024 12:00AM

Lab File ID: BM049275.D Time Analyzed: 14:32

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	23732	16.93	19092	21.134	20560	23.285
UPPER LIMIT	47464	17.43	38184	21.634	41120	23.785
LOWER LIMIT	11866	16.43	9546	20.634	10280	22.785
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165797BS	1,4-Dioxane	66.7	50	ug/Kg	75				0	0		
	Naphthalene	13.3	10	ug/Kg	75				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	9.4	ug/Kg	71				0	0		
	Acenaphthene	13.3	9.9	ug/Kg	74				0	0		
	Fluorene	13.3	10	ug/Kg	75				0	0		
	Pentachlorophenol	26.7	16	ug/Kg	60				0	0		
	Phenanthrene	13.3	9.1	ug/Kg	68				0	0		
	Anthracene	13.3	8.9	ug/Kg	67				0	0		
	Fluoranthene	13.3	11	ug/Kg	83				0	0		
	Pyrene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)anthracene	13.3	8.5	ug/Kg	64				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	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	9.8	ug/Kg	74				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	9.3	ug/Kg	70				0	0		
	Dibenzo(a,h)anthracene	13.3	9.1	ug/Kg	68				0	0		
	Benzo(g,h,i)perylene	13.3	9.9	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165848BS	1,4-Dioxane	66.7	41	ug/Kg	61				0	0		
	Naphthalene	13.3	9.3	ug/Kg	70				0	0		
	1-Methylnaphthalene	13.3	9.5	ug/Kg	71				0	0		
	2-Methylnaphthalene	13.3	9.3	ug/Kg	70				0	0		
	Acenaphthylene	13.3	8.8	ug/Kg	66				0	0		
	Acenaphthene	13.3	8.9	ug/Kg	67				0	0		
	Fluorene	13.3	9.1	ug/Kg	68				0	0		
	Pentachlorophenol	26.7	18	ug/Kg	67				0	0		
	Phenanthrene	13.3	8.9	ug/Kg	67				0	0		
	Anthracene	13.3	9.1	ug/Kg	68				0	0		
	Fluoranthene	13.3	8.8	ug/Kg	66				0	0		
	Pyrene	13.3	8.8	ug/Kg	66				0	0		
	Benzo(a)anthracene	13.3	8.7	ug/Kg	65				0	0		
	Chrysene	13.3	9	ug/Kg	68				0	0		
	Benzo(b)fluoranthene	13.3	9	ug/Kg	68				0	0		
	Benzo(k)fluoranthene	13.3	8.8	ug/Kg	66				0	0		
	Benzo(a)pyrene	13.3	8.9	ug/Kg	67				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	8.5	ug/Kg	64				0	0		
	Dibenzo(a,h)anthracene	13.3	8.4	ug/Kg	63				0	0		
	Benzo(g,h,i)perylene	13.3	8.6	ug/Kg	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165854BS	1,4-Dioxane	66.7	45	ug/Kg	67				0	0	
	Naphthalene	13.3	9.8	ug/Kg	74				0	0	
	1-Methylnaphthalene	13.3	9.5	ug/Kg	71				0	0	
	2-Methylnaphthalene	13.3	9.5	ug/Kg	71				0	0	
	Acenaphthylene	13.3	9.6	ug/Kg	72				0	0	
	Acenaphthene	13.3	9.5	ug/Kg	71				0	0	
	Fluorene	13.3	9.2	ug/Kg	69				0	0	
	Pentachlorophenol	26.7	21	ug/Kg	79				0	0	
	Phenanthrene	13.3	9.5	ug/Kg	71				0	0	
	Anthracene	13.3	10	ug/Kg	75				0	0	
	Fluoranthene	13.3	9	ug/Kg	68				0	0	
	Pyrene	13.3	9.2	ug/Kg	69				0	0	
	Benzo(a)anthracene	13.3	9.4	ug/Kg	71				0	0	
	Chrysene	13.3	9.9	ug/Kg	74				0	0	
	Benzo(b)fluoranthene	13.3	9.3	ug/Kg	70				0	0	
	Benzo(k)fluoranthene	13.3	9.2	ug/Kg	69				0	0	
	Benzo(a)pyrene	13.3	9.6	ug/Kg	72				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	9.7	ug/Kg	73				0	0	
	Dibenzo(a,h)anthracene	13.3	9.7	ug/Kg	73				0	0	
	Benzo(g,h,i)perylene	13.3	9.9	ug/Kg	74				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK797

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122724

SAS No.: BM122724 SDG NO.: BM122724

Lab File ID: BM049259.D

Lab Sample ID: PB165797BL

Instrument ID: BNA_M

Date Extracted: 12/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/27/2024

Level: (low/med) LOW

Time Analyzed: 18:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YE5X5	P5324-01	BM049245.D	12/27/2024
YE5X7	P5324-02	BM049246.D	12/27/2024
YE5X6	P5324-04	BM049248.D	12/27/2024
YE5X6MS	P5324-05MS	BM049249.D	12/27/2024
YE5X6MSD	P5324-06MSD	BM049250.D	12/27/2024
YE5Y1	P5324-03	BM049251.D	12/27/2024
YE5Z7	P5324-09	BM049252.D	12/27/2024
YE695	P5324-10	BM049253.D	12/27/2024
YE643	P5324-19	BM049254.D	12/27/2024
YE644	P5324-20	BM049255.D	12/27/2024
YE645	P5324-21	BM049256.D	12/27/2024
PB165797BS	PB165797BS	BM049257.D	12/27/2024
YE5Z9	P5324-12	BM049260.D	12/27/2024
YE600	P5324-13	BM049261.D	12/27/2024
YE630	P5324-15	BM049262.D	12/27/2024
YE631	P5324-16	BM049263.D	12/27/2024
YE635	P5324-17	BM049264.D	12/27/2024
YE642	P5324-18	BM049265.D	12/27/2024
YE5Z8	P5324-11	BM049266.D	12/27/2024
YE646	P5324-22	BM049267.D	12/27/2024
YE5X8	P5324-07	BM049268.D	12/27/2024
YE5X9	P5324-08	BM049269.D	12/28/2024
YE601	P5324-14	BM049290.D	12/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK848

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122724SAS No.: BM122724 SDG NO.: BM122724Lab File ID: BM049276.DLab Sample ID: PB165848BLInstrument ID: BNA_MDate Extracted: 12/26/2024Matrix: (soil/water) SolidDate Analyzed: 12/28/2024Level: (low/med) LOWTime Analyzed: 04:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YE686	P5378-08	BM049289.D	12/28/2024
PB165848BS	PB165848BS	BM049292.D	12/28/2024
YE634	P5378-03	BM049270.D	12/28/2024
YE634MS	P5378-04MS	BM049271.D	12/28/2024
YE634MSD	P5378-05MSD	BM049272.D	12/28/2024
YE632	P5378-01	BM049273.D	12/28/2024
YE633	P5378-02	BM049274.D	12/28/2024
YE685	P5378-07	BM049278.D	12/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK854

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122724

SAS No.: BM122724 SDG NO.: BM122724

Lab File ID: BM049277.D

Lab Sample ID: PB165854BL

Instrument ID: BNA_M

Date Extracted: 12/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/28/2024

Level: (low/med) LOW

Time Analyzed: 05:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165854BS	PB165854BS	BM049291.D	12/28/2024
YE680	P5325-01	BM049279.D	12/28/2024
YE680MS	P5325-02MS	BM049280.D	12/28/2024
YE680MSD	P5325-03MSD	BM049281.D	12/28/2024
YE682	P5325-04	BM049282.D	12/28/2024
E2922	P5351-01	BM049283.D	12/28/2024
E2926MS	P5351-06MS	BM049284.D	12/28/2024
E2926MSD	P5351-07MSD	BM049285.D	12/28/2024
E2924	P5351-02	BM049286.D	12/28/2024
E2925	P5351-03	BM049287.D	12/28/2024
E2926	P5351-04	BM049288.D	12/28/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5351-06MS		Client Sample ID: E2926MS		DataFile: BM049284.D							
1,4-Dioxane	81.2		40	ug/Kg	49				15	120	
Naphthalene	16.2	1.2	13	ug/Kg	73				0	0	
1-Methylnaphthalene	16.2	1.2	14	ug/Kg	79				0	0	
2-Methylnaphthalene	16.2	1.2	14	ug/Kg	79				0	0	
Acenaphthylene	16.2	1.4	13	ug/Kg	72				0	0	
Acenaphthene	16.2	3.6	22	ug/Kg	114				31	137	
Fluorene	16.2	3.1	22	ug/Kg	117				0	0	
Pentachlorophenol	32.5		25	ug/Kg	77				17	109	
Phenanthrene	16.2	43	160	ug/Kg	722				0	0	
Anthracene	16.2	9.6	44	ug/Kg	212				0	0	
Fluoranthene	16.2	69	230	ug/Kg	994				0	0	
Pyrene	16.2	52	190	ug/Kg	852	*			35	142	
Benzo(a)anthracene	16.2	31	110	ug/Kg	488				0	0	
Chrysene	16.2	28	92	ug/Kg	395				0	0	
Benzo(b)fluoranthene	16.2	41	130	ug/Kg	549				0	0	
Benzo(k)fluoranthene	16.2	14	45	ug/Kg	191				0	0	
Benzo(a)pyrene	16.2	29	92	ug/Kg	389				0	0	
Indeno(1,2,3-cd)pyrene	16.2	15	50	ug/Kg	216				0	0	
Dibenzo(a,h)anthracene	16.2	4.8	22	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	16.2	20	61	ug/Kg	253				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5351-07MSD	Client Sample ID:	E2926MSD					DataFile:	BM049285.D		
1,4-Dioxane	81.2		37	ug/Kg	46		6		15	120	50
Naphthalene	16.2	1.2	13	ug/Kg	73		0		0	0	0
1-Methylnaphthalene	16.2	1.2	13	ug/Kg	73		8	*	0	0	0
2-Methylnaphthalene	16.2	1.2	13	ug/Kg	73		8	*	0	0	0
Acenaphthylene	16.2	1.4	12	ug/Kg	65		10	*	0	0	0
Acenaphthene	16.2	3.6	21	ug/Kg	107		6		31	137	19
Fluorene	16.2	3.1	21	ug/Kg	110		6	*	0	0	0
Pentachlorophenol	32.5		24	ug/Kg	74		4		17	109	47
Phenanthrene	16.2	43	150	ug/Kg	660		9	*	0	0	0
Anthracene	16.2	9.6	41	ug/Kg	194		9	*	0	0	0
Fluoranthene	16.2	69	230	ug/Kg	994		0		0	0	0
Pyrene	16.2	52	180	ug/Kg	790	*	8		35	142	36
Benzo(a)anthracene	16.2	31	100	ug/Kg	426		14	*	0	0	0
Chrysene	16.2	28	88	ug/Kg	370		7	*	0	0	0
Benzo(b)fluoranthene	16.2	41	110	ug/Kg	426		25	*	0	0	0
Benzo(k)fluoranthene	16.2	14	47	ug/Kg	204		7	*	0	0	0
Benzo(a)pyrene	16.2	29	87	ug/Kg	358		8	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.2	15	47	ug/Kg	198		9	*	0	0	0
Dibenzo(a,h)anthracene	16.2	4.8	21	ug/Kg	100		6	*	0	0	0
Benzo(g,h,i)perylene	16.2	20	58	ug/Kg	235		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5324-05MS	Client Sample ID:	YE5X6MS					DataFile:	BM049249.D		
1,4-Dioxane	82	4.1	32	ug/Kg	34				15	120	
Naphthalene	16.4		8	ug/Kg	49				0	0	
1-Methylnaphthalene	16.4		8.2	ug/Kg	50				0	0	
2-Methylnaphthalene	16.4		8	ug/Kg	49				0	0	
Acenaphthylene	16.4		7.9	ug/Kg	48				0	0	
Acenaphthene	16.4		8.3	ug/Kg	51				31	137	
Fluorene	16.4		8.7	ug/Kg	53				0	0	
Pentachlorophenol	32.8		8.5	ug/Kg	26				17	109	
Phenanthrene	16.4		9	ug/Kg	55				0	0	
Anthracene	16.4		8.5	ug/Kg	52				0	0	
Fluoranthene	16.4		9.6	ug/Kg	59				0	0	
Pyrene	16.4		9.3	ug/Kg	57				35	142	
Benzo(a)anthracene	16.4		7.9	ug/Kg	48				0	0	
Chrysene	16.4		9.3	ug/Kg	57				0	0	
Benzo(b)fluoranthene	16.4		9.2	ug/Kg	56				0	0	
Benzo(k)fluoranthene	16.4		9.6	ug/Kg	59				0	0	
Benzo(a)pyrene	16.4		9	ug/Kg	55				0	0	
Indeno(1,2,3-cd)pyrene	16.4		8.5	ug/Kg	52				0	0	
Dibenzo(a,h)anthracene	16.4		8.4	ug/Kg	51				0	0	
Benzo(g,h,i)perylene	16.4		8.9	ug/Kg	54				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5324-06MSD	Client Sample ID:	YE5X6MSD					DataFile:	BM049250.D		
1,4-Dioxane	82	4.1	30	ug/Kg	32	6			15	120	50
Naphthalene	16.4		7.3	ug/Kg	45	9	*		0	0	0
1-Methylnaphthalene	16.4		7.7	ug/Kg	47	6	*		0	0	0
2-Methylnaphthalene	16.4		7.4	ug/Kg	45	9	*		0	0	0
Acenaphthylene	16.4		7.2	ug/Kg	44	9	*		0	0	0
Acenaphthene	16.4		7.5	ug/Kg	46	10			31	137	19
Fluorene	16.4		7.8	ug/Kg	48	10	*		0	0	0
Pentachlorophenol	32.8		7.6	ug/Kg	23	12			17	109	47
Phenanthrene	16.4		7.8	ug/Kg	48	14	*		0	0	0
Anthracene	16.4		7.2	ug/Kg	44	17	*		0	0	0
Fluoranthene	16.4		8.8	ug/Kg	54	9	*		0	0	0
Pyrene	16.4		8.6	ug/Kg	52	9			35	142	36
Benzo(a)anthracene	16.4		7.3	ug/Kg	45	6	*		0	0	0
Chrysene	16.4		8.6	ug/Kg	52	9	*		0	0	0
Benzo(b)fluoranthene	16.4		8.2	ug/Kg	50	11	*		0	0	0
Benzo(k)fluoranthene	16.4		8.8	ug/Kg	54	9	*		0	0	0
Benzo(a)pyrene	16.4		8.2	ug/Kg	50	10	*		0	0	0
Indeno(1,2,3-cd)pyrene	16.4		7.8	ug/Kg	48	8	*		0	0	0
Dibenzo(a,h)anthracene	16.4		7.7	ug/Kg	47	8	*		0	0	0
Benzo(g,h,i)perylene	16.4		8.1	ug/Kg	49	10	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5378-04MS	Client Sample ID:	YE634MS					DataFile:	BM049271.D		
1,4-Dioxane	81		45	ug/Kg	56				15	120	
Naphthalene	16.2		15	ug/Kg	93				0	0	
1-Methylnaphthalene	16.2		12	ug/Kg	74				0	0	
2-Methylnaphthalene	16.2		13	ug/Kg	80				0	0	
Acenaphthylene	16.2		9.7	ug/Kg	60				0	0	
Acenaphthene	16.2		10	ug/Kg	62				31	137	
Fluorene	16.2		11	ug/Kg	68				0	0	
Pentachlorophenol	32.4		18	ug/Kg	56				17	109	
Phenanthrene	16.2		11	ug/Kg	68				0	0	
Anthracene	16.2		10	ug/Kg	62				0	0	
Fluoranthene	16.2		12	ug/Kg	74				0	0	
Pyrene	16.2		12	ug/Kg	74				35	142	
Benzo(a)anthracene	16.2		11	ug/Kg	68				0	0	
Chrysene	16.2		10	ug/Kg	62				0	0	
Benzo(b)fluoranthene	16.2		11	ug/Kg	68				0	0	
Benzo(k)fluoranthene	16.2		11	ug/Kg	68				0	0	
Benzo(a)pyrene	16.2		9.9	ug/Kg	61				0	0	
Indeno(1,2,3-cd)pyrene	16.2		9.6	ug/Kg	59				0	0	
Dibenzo(a,h)anthracene	16.2		9.4	ug/Kg	58				0	0	
Benzo(g,h,i)perylene	16.2		9.8	ug/Kg	60				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5378-05MSD		Client Sample ID: YE634MSD					DataFile: BM049272.D				
1,4-Dioxane	81.1		42	ug/Kg	52	7			15	120	50
Naphthalene	16.2		14	ug/Kg	86	8	*		0	0	0
1-Methylnaphthalene	16.2		12	ug/Kg	74	0			0	0	0
2-Methylnaphthalene	16.2		12	ug/Kg	74	8	*		0	0	0
Acenaphthylene	16.2		9.3	ug/Kg	57	5	*		0	0	0
Acenaphthene	16.2		10	ug/Kg	62	0			31	137	19
Fluorene	16.2		11	ug/Kg	68	0			0	0	0
Pentachlorophenol	32.4		18	ug/Kg	56	0			17	109	47
Phenanthrene	16.2		11	ug/Kg	68	0			0	0	0
Anthracene	16.2		10	ug/Kg	62	0			0	0	0
Fluoranthene	16.2		12	ug/Kg	74	0			0	0	0
Pyrene	16.2		13	ug/Kg	80	8			35	142	36
Benzo(a)anthracene	16.2		10	ug/Kg	62	9	*		0	0	0
Chrysene	16.2		11	ug/Kg	68	9	*		0	0	0
Benzo(b)fluoranthene	16.2		11	ug/Kg	68	0			0	0	0
Benzo(k)fluoranthene	16.2		10	ug/Kg	62	9	*		0	0	0
Benzo(a)pyrene	16.2		9.9	ug/Kg	61	0			0	0	0
Indeno(1,2,3-cd)pyrene	16.2		9.2	ug/Kg	57	3	*		0	0	0
Dibenzo(a,h)anthracene	16.2		9.1	ug/Kg	56	4	*		0	0	0
Benzo(g,h,i)perylene	16.2		9.4	ug/Kg	58	3	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5325-02MS	Client Sample ID:	YE680MS					DataFile:	BM049280.D		
1,4-Dioxane	77.6	2.1	32	ug/Kg	39				15	120	
Naphthalene	15.5		8.2	ug/Kg	53				0	0	
1-Methylnaphthalene	15.5		8.6	ug/Kg	55				0	0	
2-Methylnaphthalene	15.5		8.7	ug/Kg	56				0	0	
Acenaphthylene	15.5		8.2	ug/Kg	53				0	0	
Acenaphthene	15.5		8.5	ug/Kg	55				31	137	
Fluorene	15.5		9	ug/Kg	58				0	0	
Pentachlorophenol	31		16	ug/Kg	52				17	109	
Phenanthrene	15.5		9.5	ug/Kg	61				0	0	
Anthracene	15.5		9.1	ug/Kg	59				0	0	
Fluoranthene	15.5		9.2	ug/Kg	59				0	0	
Pyrene	15.5		9.5	ug/Kg	61				35	142	
Benzo(a)anthracene	15.5		9	ug/Kg	58				0	0	
Chrysene	15.5		8.9	ug/Kg	57				0	0	
Benzo(b)fluoranthene	15.5		9.2	ug/Kg	59				0	0	
Benzo(k)fluoranthene	15.5		8.6	ug/Kg	55				0	0	
Benzo(a)pyrene	15.5		8.9	ug/Kg	57				0	0	
Indeno(1,2,3-cd)pyrene	15.5		8.4	ug/Kg	54				0	0	
Dibenzo(a,h)anthracene	15.5		8.4	ug/Kg	54				0	0	
Benzo(g,h,i)perylene	15.5		8.7	ug/Kg	56				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5325-03MSD	Client Sample ID:	YE680MSD					DataFile:	BM049281.D		
1,4-Dioxane	77.6	2.1	36	ug/Kg	44	12			15	120	50
Naphthalene	15.5		9.6	ug/Kg	62	16	*		0	0	0
1-Methylnaphthalene	15.5		9.9	ug/Kg	64	15	*		0	0	0
2-Methylnaphthalene	15.5		10	ug/Kg	65	15	*		0	0	0
Acenaphthylene	15.5		9.4	ug/Kg	61	14	*		0	0	0
Acenaphthene	15.5		9.6	ug/Kg	62	12			31	137	19
Fluorene	15.5		10	ug/Kg	65	11	*		0	0	0
Pentachlorophenol	31		18	ug/Kg	58	11			17	109	47
Phenanthrene	15.5		11	ug/Kg	71	15	*		0	0	0
Anthracene	15.5		10	ug/Kg	65	10	*		0	0	0
Fluoranthene	15.5		10	ug/Kg	65	10	*		0	0	0
Pyrene	15.5		11	ug/Kg	71	15			35	142	36
Benzo(a)anthracene	15.5		10	ug/Kg	65	11	*		0	0	0
Chrysene	15.5		10	ug/Kg	65	13	*		0	0	0
Benzo(b)fluoranthene	15.5		11	ug/Kg	71	18	*		0	0	0
Benzo(k)fluoranthene	15.5		10	ug/Kg	65	17	*		0	0	0
Benzo(a)pyrene	15.5		10	ug/Kg	65	13	*		0	0	0
Indeno(1,2,3-cd)pyrene	15.5		9.6	ug/Kg	62	14	*		0	0	0
Dibenzo(a,h)anthracene	15.5		9.5	ug/Kg	61	12	*		0	0	0
Benzo(g,h,i)perylene	15.5		10	ug/Kg	65	15	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-12DL	E2914DL	BM049247.D	1,4-Dioxane-d8	8	3.24	41		15	120
			Fluoranthene-d10	0.4	0.15	36		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140

Surrogate Summary

SW-846

SDG No.: **BM122724**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-01	YE5X5	BM049245.D	1,4-Dioxane-d8	8	5.71	71		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140
P5324-02	YE5X7	BM049246.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P5324-03	YE5Y1	BM049251.D	1,4-Dioxane-d8	8	5.73	72		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		20	140
P5324-04	YE5X6	BM049248.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P5324-05MS	YE5X6MS	BM049249.D	1,4-Dioxane-d8	0.8	0.31	39		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P5324-06MSD	YE5X6MSD	BM049250.D	1,4-Dioxane-d8	0.8	0.28	36		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P5324-07	YE5X8	BM049268.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5324-08	YE5X9	BM049269.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P5324-09	YE5Z7	BM049252.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5324-10	YE695	BM049253.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140
P5324-11	YE5Z8	BM049266.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P5324-12	YE5Z9	BM049260.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P5324-13	YE600	BM049261.D	1,4-Dioxane-d8	8	6.23	78		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.45	113		20	140
P5324-14	YE601	BM049290.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P5324-15	YE630	BM049262.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P5324-16	YE631	BM049263.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P5324-17	YE635	BM049264.D	1,4-Dioxane-d8	8	5.16	64		15	120

Surrogate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-17	YE635	BM049264.D	Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P5324-18	YE642	BM049265.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
P5324-19	YE643	BM049254.D	2-Methylnaphthalene-d10	0.4	0.24	59		20	140
			1,4-Dioxane-d8	8	3.55	44		15	120
P5324-20	YE644	BM049255.D	Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P5324-21	YE645	BM049256.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
P5324-22	YE646	BM049267.D	2-Methylnaphthalene-d10	0.4	0.21	53		20	140
			1,4-Dioxane-d8	8	3.80	47		15	120
PB165797BL	PB165797BL	BM049259.D	Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
PB165797BS	PB165797BS	BM049244.D	1,4-Dioxane-d8	8	6.22	78		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
PB165797BS	PB165797BS	BM049257.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	140
			1,4-Dioxane-d8	8	6.14	77		15	120
PB165797BS	PB165797BS	BM049244.D	Fluoranthene-d10	8	6.03	75		15	120
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
PB165797BS	PB165797BS	BM049257.D	Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
PB165797BS	PB165797BS	BM049257.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	140
			1,4-Dioxane-d8	0.8	0.63	78		15	120
PB165797BS	PB165797BS	BM049257.D	Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140

Surrogate Summary

SW-846

SDG No.: BM122724

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5378-01	YE632	BM049273.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P5378-02	YE633	BM049274.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Fluoranthene-d10	0.4	0.15	37		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P5378-03	YE634	BM049270.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P5378-04MS	YE634MS	BM049271.D	1,4-Dioxane-d8	0.8	0.43	54		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P5378-05MSD	YE634MSD	BM049272.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P5378-07	YE685	BM049278.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P5378-08	YE686	BM049289.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
PB165848BL	PB165848BL	BM049276.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
PB165848BS	PB165848BS	BM049292.D	1,4-Dioxane-d8	0.8	0.53	66		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140

Surrogate Summary

SW-846

SDG No.: **BM122724**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5325-01	YE680	BM049279.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140
P5325-02MS	YE680MS	BM049280.D	1,4-Dioxane-d8	0.8	0.33	41		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P5325-03MSD	YE680MSD	BM049281.D	1,4-Dioxane-d8	0.8	0.37	47		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P5325-04	YE682	BM049282.D	1,4-Dioxane-d8	8	6.89	86		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.46	116		20	140
P5351-01	E2922	BM049283.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P5351-02	E2924	BM049286.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140
P5351-03	E2925	BM049287.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
P5351-04	E2926	BM049288.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P5351-06MS	E2926MS	BM049284.D	1,4-Dioxane-d8	0.8	0.39	48		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P5351-07MSD	E2926MSD	BM049285.D	1,4-Dioxane-d8	0.8	0.37	46		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
PB165854BL	PB165854BL	BM049277.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Fluoranthene-d10	0.4	0.16	41		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
PB165854BS	PB165854BS	BM049291.D	1,4-Dioxane-d8	0.8	0.56	70		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122724

Lab Code: CHEM

SAS No.: BM122724 SDG NO.: BM122724

Lab File ID: BM049242.D

DFTPP Injection Date: 12/27/2024

Instrument ID: BNA_M

DFTPP Injection Time: 06:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.4
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	23.7
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	61.1
443	15.0 - 24.0% of mass 442	11.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4131	SSTDCCC0.4	BM049243.D	12/27/2024	07:32
SBLK797	PB165797BL	BM049244.D	12/27/2024	08:07
YE5X5	P5324-01	BM049245.D	12/27/2024	08:43
YE5X7	P5324-02	BM049246.D	12/27/2024	09:18
E2914DL	P5333-12DL	BM049247.D	12/27/2024	09:54
YE5X6	P5324-04	BM049248.D	12/27/2024	10:30
YE5X6MS	P5324-05MS	BM049249.D	12/27/2024	11:05
YE5X6MSD	P5324-06MSD	BM049250.D	12/27/2024	11:41
YE5Y1	P5324-03	BM049251.D	12/27/2024	12:53
YE5Z7	P5324-09	BM049252.D	12/27/2024	13:28
YE695	P5324-10	BM049253.D	12/27/2024	14:04
YE643	P5324-19	BM049254.D	12/27/2024	14:40
YE644	P5324-20	BM049255.D	12/27/2024	15:16
YE645	P5324-21	BM049256.D	12/27/2024	15:51
SLCS797	PB165797BS	BM049257.D	12/27/2024	16:27
SSTD0.4132	SSTDCCC0.4	BM049258.D	12/27/2024	17:38
SBLK797	PB165797BL	BM049259.D	12/27/2024	18:14
YE5Z9	P5324-12	BM049260.D	12/27/2024	18:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122724

Lab Code: CHEM

SAS No.: BM122724 SDG NO.: BM122724

Lab File ID: BM049242.D

DFTPP Injection Date: 12/27/2024

Instrument ID: BNA_M

DFTPP Injection Time: 06:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.4
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	23.7
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	61.1
443	15.0 - 24.0% of mass 442	11.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YE600	P5324-13	BM049261.D	12/27/2024	19:26
YE630	P5324-15	BM049262.D	12/27/2024	20:02
YE631	P5324-16	BM049263.D	12/27/2024	20:37
YE635	P5324-17	BM049264.D	12/27/2024	21:13
YE642	P5324-18	BM049265.D	12/27/2024	21:49
YE5Z8	P5324-11	BM049266.D	12/27/2024	22:25
YE646	P5324-22	BM049267.D	12/27/2024	23:01
YE5X8	P5324-07	BM049268.D	12/27/2024	23:37
YE5X9	P5324-08	BM049269.D	12/28/2024	00:12
YE634	P5378-03	BM049270.D	12/28/2024	00:48
YE634MS	P5378-04MS	BM049271.D	12/28/2024	01:24
YE634MSD	P5378-05MSD	BM049272.D	12/28/2024	02:00
YE632	P5378-01	BM049273.D	12/28/2024	02:36
YE633	P5378-02	BM049274.D	12/28/2024	03:11
SSTD0.4133	SSTDCCC0.4	BM049275.D	12/28/2024	04:23
SBLK848	PB165848BL	BM049276.D	12/28/2024	04:59
SBLK854	PB165854BL	BM049277.D	12/28/2024	05:35
YE685	P5378-07	BM049278.D	12/28/2024	06:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122724

Lab Code: CHEM

SAS No.: BM122724

SDG NO.: BM122724

Lab File ID: BM049242.D

DFTPP Injection Date: 12/27/2024

Instrument ID: BNA_M

DFTPP Injection Time: 06:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.4
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	23.7
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	61.1
443	15.0 - 24.0% of mass 442	11.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YE680	P5325-01	BM049279.D	12/28/2024	06:46
YE680MS	P5325-02MS	BM049280.D	12/28/2024	07:22
YE680MSD	P5325-03MSD	BM049281.D	12/28/2024	07:58
YE682	P5325-04	BM049282.D	12/28/2024	08:33
E2922	P5351-01	BM049283.D	12/28/2024	09:09
E2926MS	P5351-06MS	BM049284.D	12/28/2024	09:45
E2926MSD	P5351-07MSD	BM049285.D	12/28/2024	10:21
E2924	P5351-02	BM049286.D	12/28/2024	10:57
E2925	P5351-03	BM049287.D	12/28/2024	11:33
E2926	P5351-04	BM049288.D	12/28/2024	12:08
YE686	P5378-08	BM049289.D	12/28/2024	12:44
YE601	P5324-14	BM049290.D	12/28/2024	13:20
SLCS854	PB165854BS	BM049291.D	12/28/2024	13:56
SLCS848	PB165848BS	BM049292.D	12/28/2024	14:32
SSTD0.4134	SSTDCCC0.4EC	BM049293.D	12/28/2024	15:43