

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG No.: BM122024

Instrument ID: BNA_M Calibration Date/Time: 12/20/2024 : 10:15

Lab File ID: BM049093.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4118 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.461	0.561	0.010	21.5958	40.0
1,4-Dioxane	0.539	0.609	0.010	12.9674	40.0
Naphthalene	1.001	1.152	0.600	15.0811	30.0
1-Methylnaphthalene	0.650	0.723	0.300	11.2956	30.0
2-Methylnaphthalene	0.634	0.705	0.300	11.0664	30.0
Acenaphthylene	1.658	1.877	0.900	13.2382	30.0
Acenaphthene	1.210	1.418	0.500	17.2116	30.0
Fluorene	1.365	1.577	0.700	15.5256	30.0
Pentachlorophenol	0.111	0.077	0.010	-30.7519	50.0
Phenanthrene	1.045	1.151	0.300	10.1344	30.0
Anthracene	0.959	1.005	0.400	4.7523	30.0
Fluoranthene	1.446	1.808	0.400	25.013	30.0
Pyrene	1.542	1.873	0.500	21.4682	30.0
Benzo (a) anthracene	1.391	1.431	0.400	2.8812	30.0
Chrysene	1.493	1.739	0.400	16.4362	30.0
Benzo (b) fluoranthene	1.278	1.487	0.200	16.396	30.0
Benzo (k) fluoranthene	1.402	1.766	0.200	25.9338	30.0
Benzo (a) pyrene	1.226	1.367	0.200	11.5776	30.0
Indeno (1,2,3-cd) pyrene	1.734	2.025	0.200	16.7693	30.0
Dibenzo (a,h) anthracene	1.348	1.544	0.200	14.5999	30.0
Benzo (g,h,i) perylene	1.395	1.627	0.200	16.6594	30.0
Fluoranthene-d10	1.135	1.381	0.400	21.716	30.0
2-Methylnaphthalene-d10	0.538	0.599	0.300	11.3513	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.: BM122024 SAS No.: BM122024 SDG No.: BM122024

Instrument ID: BNA_M Calibration Date/Time: 12/20/2024 : 16:13

Lab File ID: BM049102.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4119 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	0.574	0.010	6.4181	40.0
1,4-Dioxane-d8	0.461	0.532	0.010	15.3897	40.0
Naphthalene	1.001	1.148	0.600	14.6445	30.0
1-Methylnaphthalene	0.650	0.765	0.300	17.7298	30.0
2-Methylnaphthalene	0.634	0.751	0.300	18.3237	30.0
Acenaphthylene	1.658	1.836	0.900	10.72	30.0
Acenaphthene	1.210	1.356	0.500	12.0577	30.0
Fluorene	1.365	1.534	0.700	12.3926	30.0
Pentachlorophenol	0.111	0.137	0.010	23.7403	50.0
Phenanthrene	1.045	1.180	0.300	12.9522	30.0
Anthracene	0.959	1.146	0.400	19.5064	30.0
Fluoranthene	1.446	1.712	0.400	18.3998	30.0
Pyrene	1.542	1.844	0.500	19.5506	30.0
Benzo (a) anthracene	1.391	1.660	0.400	19.3354	30.0
Chrysene	1.493	1.610	0.400	7.7971	30.0
Benzo (b) fluoranthene	1.278	1.455	0.200	13.8787	30.0
Benzo (k) fluoranthene	1.402	1.473	0.200	5.0394	30.0
Benzo (a) pyrene	1.226	1.380	0.200	12.574	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.850	0.200	6.6526	30.0
Dibenzo (a,h) anthracene	1.348	1.455	0.200	7.9843	30.0
Benzo (g,h,i) perylene	1.395	1.484	0.200	6.3985	30.0
Fluoranthene-d10	1.135	1.358	0.400	19.6924	30.0
2-Methylnaphthalene-d10	0.538	0.636	0.300	18.2245	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.: BM122024 SAS No.: BM122024 SDG No.: BM122024

Instrument ID: BNA_M Calibration Date/Time: 12/21/2024 : 02:26

Lab File ID: BM049118.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4120 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.461	0.488	0.010	5.7828	40.0
1,4-Dioxane	0.539	0.530	0.010	-1.6769	40.0
Naphthalene	1.001	1.053	0.600	5.2006	30.0
1-Methylnaphthalene	0.650	0.689	0.300	6.0615	30.0
2-Methylnaphthalene	0.634	0.675	0.300	6.4677	30.0
Acenaphthylene	1.658	1.708	0.900	3.0552	30.0
Acenaphthene	1.210	1.247	0.500	3.0106	30.0
Fluorene	1.365	1.384	0.700	1.3563	30.0
Pentachlorophenol	0.111	0.096	0.010	-12.7885	50.0
Phenanthrene	1.045	1.081	0.300	3.4591	30.0
Anthracene	0.959	1.009	0.400	5.2578	30.0
Fluoranthene	1.446	1.512	0.400	4.547	30.0
Pyrene	1.542	1.648	0.500	6.8334	30.0
Benzo (a) anthracene	1.391	1.462	0.400	5.0977	30.0
Chrysene	1.493	1.536	0.400	2.8839	30.0
Benzo (b) fluoranthene	1.278	1.371	0.200	7.2472	30.0
Benzo (k) fluoranthene	1.402	1.471	0.200	4.9112	30.0
Benzo (a) pyrene	1.226	1.305	0.200	6.4859	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.776	0.200	2.3658	30.0
Dibenzo (a,h) anthracene	1.348	1.374	0.200	1.9307	30.0
Benzo (g,h,i) perylene	1.395	1.409	0.200	1.0043	30.0
Fluoranthene-d10	1.135	1.190	0.400	4.8701	30.0
2-Methylnaphthalene-d10	0.538	0.577	0.300	7.3712	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.: BM122024 SAS No.: BM122024 SDG No.: BM122024

Instrument ID: BNA_M Calibration Date/Time: 12/21/2024 : 14:25

Lab File ID: BM049137.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4121 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.461	0.453	0.010	-1.8938	50.0
1,4-Dioxane	0.539	0.505	0.010	-6.3692	50.0
Naphthalene	1.001	0.992	0.600	-0.9162	50.0
1-Methylnaphthalene	0.650	0.658	0.300	1.2429	50.0
2-Methylnaphthalene	0.634	0.644	0.300	1.4596	50.0
Acenaphthylene	1.658	1.646	0.900	-0.6843	50.0
Acenaphthene	1.210	1.217	0.500	0.5958	50.0
Fluorene	1.365	1.357	0.700	-0.5713	50.0
Pentachlorophenol	0.111	0.083	0.010	-25.2772	50.0
Phenanthrene	1.045	1.036	0.300	-0.8029	50.0
Anthracene	0.959	0.961	0.400	0.2092	50.0
Fluoranthene	1.446	1.515	0.400	4.7561	50.0
Pyrene	1.542	1.590	0.500	3.0746	50.0
Benzo (a) anthracene	1.391	1.374	0.400	-1.2693	50.0
Chrysene	1.493	1.471	0.400	-1.4876	50.0
Benzo (b) fluoranthene	1.278	1.284	0.200	0.448	50.0
Benzo (k) fluoranthene	1.402	1.452	0.200	3.5516	50.0
Benzo (a) pyrene	1.226	1.239	0.200	1.117	50.0
Indeno (1,2,3-cd) pyrene	1.734	1.687	0.200	-2.7141	50.0
Dibenzo (a,h) anthracene	1.348	1.307	0.200	-3.0328	50.0
Benzo (g,h,i) perylene	1.395	1.358	0.200	-2.6405	50.0
Fluoranthene-d10	1.135	1.189	0.400	4.7809	50.0
2-Methylnaphthalene-d10	0.538	0.551	0.300	2.4821	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049094.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.454		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.367		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5287	7.561				
1146-65-2	Naphthalene-d8	15023	10.321				
15067-26-2	Acenaphthene-d10	7942	14.197				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049094.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17004	16.943				
1719-03-5	Chrysene-d12	11362	21.149				
1520-96-3	Perylene-d12	11143	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BM122024
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.7
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
BM049095.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	2.7	J	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	J	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	J	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	1.5	J	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	6		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	4.3		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	45		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	11		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	82	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	55		0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	34		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	33		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	49		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.7		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3	J	0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.933		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.191		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.191		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4877		7.56			
1146-65-2	Naphthalene-d8	13983		10.321			
15067-26-2	Acenaphthene-d10	7604		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7	SDG No.:	BM122024
Lab Sample ID:	P5265-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.7
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
BM049095.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16994	16.943				
1719-03-5	Chrysene-d12	13681	21.143				
1520-96-3	Perylene-d12	13651	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BM122024
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
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
BM049096.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	5.9		0.24	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	5.2		0.63	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	7.5		0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	160	E	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	8.6		0.22	0.99	4	ug/Kg
86-73-7	Fluorene	12		0.27	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	130	E	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	77	E	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	750	E	0.22	0.99	4	ug/Kg
129-00-0	Pyrene	630	E	0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	410	E	0.11	0.99	4	ug/Kg
218-01-9	Chrysene	340	E	0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	E	0.57	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.39	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	380	E	0.39	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.63	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60		0.57	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	E	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.296		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6635	7.56				
1146-65-2	Naphthalene-d8	19933	10.321				
15067-26-2	Acenaphthene-d10	11031	14.197				

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BM122024
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
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
BM049096.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25026	16.943				
1719-03-5	Chrysene-d12	17513	21.143				
1520-96-3	Perylene-d12	18304	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BM122024
Lab Sample ID:	P5265-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM049097.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	2.6	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	3.6	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	3.5	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	8.4		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	11		0.22	1	4	ug/Kg
86-73-7	Fluorene	8.3		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	410	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	16		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	970	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	800	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	310	E	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	320	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	E	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	E	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.429		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.226		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6472		7.56			
1146-65-2	Naphthalene-d8	19506		10.319			
15067-26-2	Acenaphthene-d10	10830		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BM122024
Lab Sample ID:	P5265-06	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
BM049097.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24551	16.946				
1719-03-5	Chrysene-d12	17539	21.143				
1520-96-3	Perylene-d12	17992	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BM122024
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
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
BM049098.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	7.1		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	6.2		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	9.6		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	12		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	3.8	J	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	5.2		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	78	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	19		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	170	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	130	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	65		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	72	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	37		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	76	E	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	E	0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.14		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.259		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6346		7.56			
1146-65-2	Naphthalene-d8	19634		10.325			
15067-26-2	Acenaphthene-d10	10852		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BM122024
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
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
BM049098.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24150	16.946				
1719-03-5	Chrysene-d12	18849	21.146				
1520-96-3	Perylene-d12	18570	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BM122024
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049099.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	4.5		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.7	J	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	3.6	J	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	4.8		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	3.1	J	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	2.4	J	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	44		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	9.5		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	110	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	87	E	0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	49		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	50		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	52		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.8		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.541		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.147		30-130		37	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.19		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6831		7.561			
1146-65-2	Naphthalene-d8	21121		10.321			
15067-26-2	Acenaphthene-d10	11912		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BM122024
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049099.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26183	16.943				
1719-03-5	Chrysene-d12	19930	21.143				
1520-96-3	Perylene-d12	19329	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BM122024
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
Sample Wt/Vol:	30	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
BM049100.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	8.4		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	25		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	32		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	16		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	80	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	10		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	3.28		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	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	7038		7.56			
1146-65-2	Naphthalene-d8	21889		10.321			
15067-26-2	Acenaphthene-d10	15722		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BM122024
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049100.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29375	16.947				
1719-03-5	Chrysene-d12	23811	21.149				
1520-96-3	Perylene-d12	25942	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BM122024
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049101.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

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	5.1		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	20		0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	3.9		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	2.7	J	0.2	0.94	3.8	ug/Kg
86-73-7	Fluorene	14		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	81	E	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	19		0.2	0.94	3.8	ug/Kg
129-00-0	Pyrene	32		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.3	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	26		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	4.7		0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.263		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.208		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8189		7.56			
1146-65-2	Naphthalene-d8	25525		10.319			
15067-26-2	Acenaphthene-d10	19961		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9	SDG No.:	BM122024
Lab Sample ID:	P5265-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049101.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32439	16.946				
1719-03-5	Chrysene-d12	26055	21.158				
1520-96-3	Perylene-d12	28482	23.332				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049103.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.473		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.323		20-140		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10540	7.56				
1146-65-2	Naphthalene-d8	32600	10.319				
15067-26-2	Acenaphthene-d10	18339	14.195				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049103.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	39071	16.946				
1719-03-5	Chrysene-d12	31444	21.146				
1520-96-3	Perylene-d12	31938	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BM122024
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049104.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	2.5	J	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	J	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	3.3	J	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	2.8	J	0.23	1	4.1	ug/Kg
86-73-7	Fluorene	2.1	J	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	31		0.23	1	4.1	ug/Kg
120-12-7	Anthracene	7.3		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	68	E	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	54		0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	31		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	30		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	32		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.229		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.178		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7891		7.56			
1146-65-2	Naphthalene-d8	24685		10.319			
15067-26-2	Acenaphthene-d10	13692		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9	SDG No.:	BM122024
Lab Sample ID:	P5265-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049104.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29641	16.946				
1719-03-5	Chrysene-d12	23989	21.143				
1520-96-3	Perylene-d12	24775	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BM122024
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
Sample Wt/Vol:	30.05	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
BM049105.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37		1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	10		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	15		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	12		0.23	1	4.1	ug/Kg
86-73-7	Fluorene	13		0.28	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	16		2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	61		0.23	1	4.1	ug/Kg
120-12-7	Anthracene	21		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	86	E	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	69	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	45		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	40		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	51		0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.338		15-120		42	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	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	6626		7.56			
1146-65-2	Naphthalene-d8	21164		10.325			
15067-26-2	Acenaphthene-d10	12271		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MS	SDG No.:	BM122024
Lab Sample ID:	P5265-20MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BM049105.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25713	16.946				
1719-03-5	Chrysene-d12	21566	21.146				
1520-96-3	Perylene-d12	22974	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BM122024
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BM049106.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	10		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	14		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	11		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	12		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	16		2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	59		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	20		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	84	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	68	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	44		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	39		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	47		0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	37		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.323		15-120		40	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.294		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7459	7.56				
1146-65-2	Naphthalene-d8	23251	10.321				
15067-26-2	Acenaphthene-d10	13569	14.197				

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y9MSD	SDG No.:	BM122024
Lab Sample ID:	P5265-21MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BM049106.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28450	16.943				
1719-03-5	Chrysene-d12	23756	21.146				
1520-96-3	Perylene-d12	25782	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7DL	SDG No.:	BM122024
Lab Sample ID:	P5265-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.7
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
BM049107.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5.1	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5.1	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.1	20	ug/Kg
208-96-8	Acenaphthylene	2	U	2	5.1	20	ug/Kg
83-32-9	Acenaphthene	5.7	JD	1.1	5.1	20	ug/Kg
86-73-7	Fluorene	4.1	JD	1.4	5.1	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.3	41	ug/Kg
85-01-8	Phenanthrene	44	D	1.1	5.1	20	ug/Kg
120-12-7	Anthracene	10	JD	1	5.1	20	ug/Kg
206-44-0	Fluoranthene	72	D	1.1	5.1	20	ug/Kg
129-00-0	Pyrene	50	D	1.5	5.1	20	ug/Kg
56-55-3	Benzo(a)anthracene	32	D	0.57	5.1	20	ug/Kg
218-01-9	Chrysene	31	D	1.5	5.1	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	D	2.9	5.1	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	JD	2	5.1	20	ug/Kg
50-32-8	Benzo(a)pyrene	18	JD	2	5.1	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	JD	3.2	5.1	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.7	JD	2.9	5.1	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.6	U	4.6	5.1	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.71		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7744		7.56			
1146-65-2	Naphthalene-d8	22912		10.321			
15067-26-2	Acenaphthene-d10	13076		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y7DL	SDG No.:	BM122024
Lab Sample ID:	P5265-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.7
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
BM049107.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26517	16.943				
1719-03-5	Chrysene-d12	22815	21.146				
1520-96-3	Perylene-d12	25151	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BM122024
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
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
BM049108.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	5.9		0.24	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	5.3		0.63	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	7.6		0.23	0.99	4	ug/Kg
208-96-8	Acenaphthylene	160	E	0.4	0.99	4	ug/Kg
83-32-9	Acenaphthene	9.1		0.22	0.99	4	ug/Kg
86-73-7	Fluorene	13		0.27	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	130	E	0.22	0.99	4	ug/Kg
120-12-7	Anthracene	82	E	0.2	0.99	4	ug/Kg
206-44-0	Fluoranthene	710	E	0.22	0.99	4	ug/Kg
129-00-0	Pyrene	600	E	0.29	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	400	E	0.11	0.99	4	ug/Kg
218-01-9	Chrysene	330	E	0.3	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	460	E	0.57	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.39	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	350	E	0.39	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.63	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56		0.57	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	E	0.9	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.422		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.292		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8507		7.56			
1146-65-2	Naphthalene-d8	26152		10.321			
15067-26-2	Acenaphthene-d10	14791		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8	SDG No.:	BM122024
Lab Sample ID:	P5265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
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
BM049108.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33684	16.943				
1719-03-5	Chrysene-d12	24250	21.146				
1520-96-3	Perylene-d12	27411	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8DL	SDG No.:	BM122024
Lab Sample ID:	P5265-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049109.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	40	ug/Kg
91-20-3	Naphthalene	5	JD	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	4.6	JD	3.1	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	6.4	JD	1.1	5	20	ug/Kg
208-96-8	Acenaphthylene	160	D	2	5	20	ug/Kg
83-32-9	Acenaphthene	13	JD	1.1	5	20	ug/Kg
86-73-7	Fluorene	12	JD	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.1	40	ug/Kg
85-01-8	Phenanthrene	120	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	75	D	1	5	20	ug/Kg
206-44-0	Fluoranthene	590	ED	1.1	5	20	ug/Kg
129-00-0	Pyrene	500	ED	1.4	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	330	ED	0.56	5	20	ug/Kg
218-01-9	Chrysene	270	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	ED	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	280	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	D	3.1	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	D	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	D	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.845		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8973		7.561			
1146-65-2	Naphthalene-d8	27429		10.321			
15067-26-2	Acenaphthene-d10	15513		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y8DL	SDG No.:	BM122024
Lab Sample ID:	P5265-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.3
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
BM049109.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32549	16.943				
1719-03-5	Chrysene-d12	26801	21.146				
1520-96-3	Perylene-d12	29042	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BM122024
Lab Sample ID:	P5265-06	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
BM049110.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	2.4	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	3.7	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	3.5	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	7.4		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	11		0.22	1	4	ug/Kg
86-73-7	Fluorene	8.2		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	400	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	16		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	900	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	750	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	290	E	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	290	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	E	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.568		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	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	9512		7.56			
1146-65-2	Naphthalene-d8	29566		10.321			
15067-26-2	Acenaphthene-d10	16786		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1	SDG No.:	BM122024
Lab Sample ID:	P5265-06	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
BM049110.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	37786	16.943				
1719-03-5	Chrysene-d12	28692	21.146				
1520-96-3	Perylene-d12	31113	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1DL	SDG No.:	BM122024
Lab Sample ID:	P5265-06DL	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
BM049111.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	11	JD	2	5	20	ug/Kg
83-32-9	Acenaphthene	11	JD	1.1	5	20	ug/Kg
86-73-7	Fluorene	8.1	JD	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	370	ED	1.1	5	20	ug/Kg
120-12-7	Anthracene	14	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	750	ED	1.1	5	20	ug/Kg
129-00-0	Pyrene	630	ED	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	0.57	5	20	ug/Kg
218-01-9	Chrysene	240	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	ED	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	2	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	230	D	2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	D	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	D	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.875		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	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	8982		7.561			
1146-65-2	Naphthalene-d8	27472		10.321			
15067-26-2	Acenaphthene-d10	15774		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z1DL	SDG No.:	BM122024
Lab Sample ID:	P5265-06DL	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
BM049111.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33032	16.943				
1719-03-5	Chrysene-d12	27630	21.146				
1520-96-3	Perylene-d12	29505	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BM122024
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049112.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	7.1		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	6.2		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	9.8		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	12		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	3.8	J	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	5.1		0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	79	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	21		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	160	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	130	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	63		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	71	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	33		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	72	E	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	E	0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.235		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.254		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9103		7.56			
1146-65-2	Naphthalene-d8	28072		10.319			
15067-26-2	Acenaphthene-d10	15741		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2	SDG No.:	BM122024
Lab Sample ID:	P5265-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
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
BM049112.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	34557	16.946				
1719-03-5	Chrysene-d12	29142	21.146				
1520-96-3	Perylene-d12	30681	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2DL	SDG No.:	BM122024
Lab Sample ID:	P5265-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049113.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	42	ug/Kg
91-20-3	Naphthalene	5.6	JD	1.2	5.1	20	ug/Kg
90-12-0	1-Methylnaphthalene	5.2	JD	3.2	5.1	20	ug/Kg
91-57-6	2-Methylnaphthalene	7.4	JD	1.2	5.1	20	ug/Kg
208-96-8	Acenaphthylene	13	JD	2	5.1	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5.1	20	ug/Kg
86-73-7	Fluorene	4.8	JD	1.4	5.1	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.4	42	ug/Kg
85-01-8	Phenanthrene	65	D	1.1	5.1	20	ug/Kg
120-12-7	Anthracene	17	JD	1.1	5.1	20	ug/Kg
206-44-0	Fluoranthene	130	D	1.1	5.1	20	ug/Kg
129-00-0	Pyrene	110	D	1.5	5.1	20	ug/Kg
56-55-3	Benzo(a)anthracene	49	D	0.58	5.1	20	ug/Kg
218-01-9	Chrysene	59	D	1.6	5.1	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	86	D	2.9	5.1	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	27	D	2	5.1	20	ug/Kg
50-32-8	Benzo(a)pyrene	54	D	2	5.1	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	D	3.2	5.1	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.3	JD	2.9	5.1	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	D	4.7	5.1	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.355		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9476		7.56			
1146-65-2	Naphthalene-d8	28927		10.325			
15067-26-2	Acenaphthene-d10	16422		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z2DL	SDG No.:	BM122024
Lab Sample ID:	P5265-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
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
BM049113.D	5	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33848	16.946				
1719-03-5	Chrysene-d12	28760	21.146				
1520-96-3	Perylene-d12	31673	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BM122024
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049114.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	4.4		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	2.6	J	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	3.5	J	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	4.6		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	3	J	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	2.5	J	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	44		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	9.7		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	100	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	81	E	0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	48		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	49		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	69	E	0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	47		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.9		0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.641		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.14		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.191		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7949		7.56			
1146-65-2	Naphthalene-d8	24293		10.32			
15067-26-2	Acenaphthene-d10	13693		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4	SDG No.:	BM122024
Lab Sample ID:	P5265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049114.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29745	16.943				
1719-03-5	Chrysene-d12	25134	21.146				
1520-96-3	Perylene-d12	28013	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4DL	SDG No.:	BM122024
Lab Sample ID:	P5265-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049115.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	41	ug/Kg
91-20-3	Naphthalene	4.1	JD	1.2	5.1	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5.1	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.1	20	ug/Kg
208-96-8	Acenaphthylene	5.9	JD	2	5.1	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5.1	20	ug/Kg
86-73-7	Fluorene	1.4	U	1.4	5.1	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.3	41	ug/Kg
85-01-8	Phenanthrene	39	D	1.1	5.1	20	ug/Kg
120-12-7	Anthracene	8.8	JD	1	5.1	20	ug/Kg
206-44-0	Fluoranthene	83	D	1.1	5.1	20	ug/Kg
129-00-0	Pyrene	71	D	1.5	5.1	20	ug/Kg
56-55-3	Benzo(a)anthracene	40	D	0.57	5.1	20	ug/Kg
218-01-9	Chrysene	43	D	1.5	5.1	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	D	2.9	5.1	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	21	D	2	5.1	20	ug/Kg
50-32-8	Benzo(a)pyrene	41	D	2	5.1	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	24	D	3.2	5.1	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7	JD	2.9	5.1	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	D	4.6	5.1	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.095		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.115	*	30-130		29	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8397		7.56			
1146-65-2	Naphthalene-d8	25152		10.319			
15067-26-2	Acenaphthene-d10	14118		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z4DL	SDG No.:	BM122024
Lab Sample ID:	P5265-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049115.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28611	16.946				
1719-03-5	Chrysene-d12	25708	21.146				
1520-96-3	Perylene-d12	29842	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BM122024
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049116.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	8.4		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	25		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	32		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	2.8	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	1.9	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	16		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	78	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	10		0.22	1	4	ug/Kg
129-00-0	Pyrene	16		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	1.8	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	9.2		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	1.5	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.486		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.204		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9028		7.56			
1146-65-2	Naphthalene-d8	28238		10.321			
15067-26-2	Acenaphthene-d10	20103		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8	SDG No.:	BM122024
Lab Sample ID:	P5265-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049116.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	38236	16.947				
1719-03-5	Chrysene-d12	31160	21.149				
1520-96-3	Perylene-d12	34184	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8DL	SDG No.:	BM122024
Lab Sample ID:	P5265-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049117.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	7.5	JD	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	21	D	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	27	D	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	2	U	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	16	JD	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	71	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	1	U	1	5	20	ug/Kg
206-44-0	Fluoranthene	11	JD	1.1	5	20	ug/Kg
129-00-0	Pyrene	15	JD	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	0.56	U	0.56	5	20	ug/Kg
218-01-9	Chrysene	11	JD	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.8	U	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	U	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.2	U	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.8	U	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.5	U	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.02		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.16		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9848	7.56				
1146-65-2	Naphthalene-d8	30853	10.32				
15067-26-2	Acenaphthene-d10	19008	14.197				

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z8DL	SDG No.:	BM122024
Lab Sample ID:	P5265-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049117.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	39767	16.943				
1719-03-5	Chrysene-d12	31863	21.146				
1520-96-3	Perylene-d12	35949	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049119.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290	E	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	22		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	22		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.5		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	3.6		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	3.5		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	560	E	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	800	E	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	700	E	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	1667.71	*	15-120		20846	SPK: -8
93951-69-0	Fluoranthene-d10	941.224	*	30-130		235306	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	42.881	*	20-140		10720	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27		7.564			
1146-65-2	Naphthalene-d8	189		10.315			
15067-26-2	Acenaphthene-d10	533		14.197			

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK708	SDG No.:	BM122024
Lab Sample ID:	PB165708BL	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
BM049119.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1921068	17.04				
1719-03-5	Chrysene-d12	8	21.224				
1520-96-3	Perylene-d12	0	0				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9RE	SDG No.:	BM122024
Lab Sample ID:	P5265-14RE	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049120.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

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	5		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	20		0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	3.6	J	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	2.4	J	0.2	0.94	3.8	ug/Kg
86-73-7	Fluorene	15		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	82	E	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	21		0.2	0.94	3.8	ug/Kg
129-00-0	Pyrene	35		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.6	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	27		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	5.1		0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.368		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.268		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.217		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10466		7.556			
1146-65-2	Naphthalene-d8	32485		10.319			
15067-26-2	Acenaphthene-d10	26387		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9RE	SDG No.:	BM122024
Lab Sample ID:	P5265-14RE	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049120.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	44699	16.95				
1719-03-5	Chrysene-d12	32208	21.158				
1520-96-3	Perylene-d12	37960	23.338				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9DL	SDG No.:	BM122024
Lab Sample ID:	P5265-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049121.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1	U	5.1	0	38	ug/Kg
91-20-3	Naphthalene	4.7	JD	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	18	JD	3	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	17	JD	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	4.9	JD	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	1	U	1	4.7	19	ug/Kg
86-73-7	Fluorene	16	JD	1.3	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.5	38	ug/Kg
85-01-8	Phenanthrene	81	D	1	4.7	19	ug/Kg
120-12-7	Anthracene	0.97	U	0.97	4.7	19	ug/Kg
206-44-0	Fluoranthene	16	JD	1	4.7	19	ug/Kg
129-00-0	Pyrene	27	D	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	4.2	JD	0.53	4.7	19	ug/Kg
218-01-9	Chrysene	23	D	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.7	U	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	1.8	U	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3	U	3	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.7	U	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.7	JD	4.3	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.99		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11100		7.56			
1146-65-2	Naphthalene-d8	34512		10.319			
15067-26-2	Acenaphthene-d10	21398		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z9DL	SDG No.:	BM122024
Lab Sample ID:	P5265-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.4
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
BM049121.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	42942	16.946				
1719-03-5	Chrysene-d12	38397	21.146				
1520-96-3	Perylene-d12	44553	23.309				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BM122024
Lab Sample ID:	P5265-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.1
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
BM049122.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	9.1		0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	5.7		0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	7.4		0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	6.3		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	6.4		0.22	1	4.1	ug/Kg
86-73-7	Fluorene	5.8		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	80	E	0.22	1	4.1	ug/Kg
120-12-7	Anthracene	20		0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	200	E	0.22	1	4.1	ug/Kg
129-00-0	Pyrene	150	E	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	90	E	0.12	1	4.1	ug/Kg
218-01-9	Chrysene	86	E	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	87	E	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60		0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.774		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.186		30-130		47	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	8234		7.56			
1146-65-2	Naphthalene-d8	26661		10.321			
15067-26-2	Acenaphthene-d10	15861		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5	SDG No.:	BM122024
Lab Sample ID:	P5265-10	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
BM049122.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	34429	16.943				
1719-03-5	Chrysene-d12	27483	21.143				
1520-96-3	Perylene-d12	28609	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5DL	SDG No.:	BM122024
Lab Sample ID:	P5265-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.1
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
BM049123.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	7.3	JD	1.2	5.1	21	ug/Kg
90-12-0	1-Methylnaphthalene	4.4	JD	3.2	5.1	21	ug/Kg
91-57-6	2-Methylnaphthalene	5.8	JD	1.2	5.1	21	ug/Kg
208-96-8	Acenaphthylene	6.4	JD	2.1	5.1	21	ug/Kg
83-32-9	Acenaphthene	5.6	JD	1.1	5.1	21	ug/Kg
86-73-7	Fluorene	4.8	JD	1.4	5.1	21	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.4	42	ug/Kg
85-01-8	Phenanthrene	65	D	1.1	5.1	21	ug/Kg
120-12-7	Anthracene	17	JD	1.1	5.1	21	ug/Kg
206-44-0	Fluoranthene	150	D	1.1	5.1	21	ug/Kg
129-00-0	Pyrene	120	D	1.5	5.1	21	ug/Kg
56-55-3	Benzo(a)anthracene	71	D	0.58	5.1	21	ug/Kg
218-01-9	Chrysene	67	D	1.6	5.1	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	D	2.9	5.1	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	32	D	2	5.1	21	ug/Kg
50-32-8	Benzo(a)pyrene	66	D	2	5.1	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	D	3.2	5.1	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10	JD	2.9	5.1	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	D	4.7	5.1	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.085		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.135		30-130		34	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.175		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11931		7.56			
1146-65-2	Naphthalene-d8	38631		10.321			
15067-26-2	Acenaphthene-d10	22357		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z5DL	SDG No.:	BM122024
Lab Sample ID:	P5265-10DL	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
BM049123.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	46503	16.943				
1719-03-5	Chrysene-d12	39421	21.143				
1520-96-3	Perylene-d12	42655	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BM122024
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049124.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	40		0.25	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	17		0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	11		0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	150	E	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	110	E	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	1100	E	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	290	E	0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	1800	E	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	1200	E	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	820	E	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	680	E	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	890	E	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	320	E	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	410	E	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	E	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96	E	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41		0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.62		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.177		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9379		7.556			
1146-65-2	Naphthalene-d8	29641		10.319			
15067-26-2	Acenaphthene-d10	17251		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6	SDG No.:	BM122024
Lab Sample ID:	P5265-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049124.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	37952	16.942				
1719-03-5	Chrysene-d12	29307	21.146				
1520-96-3	Perylene-d12	33534	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6DL	SDG No.:	BM122024
Lab Sample ID:	P5265-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049125.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	34	D	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	11	JD	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	14	JD	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	130	D	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	92	D	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	42	ug/Kg
85-01-8	Phenanthrene	1000	ED	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	260	D	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	1700	ED	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	1100	ED	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	740	ED	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	600	ED	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	830	ED	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	D	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	370	ED	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	D	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	D	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	D	4.7	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.04		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.15		30-130		38	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10831		7.56			
1146-65-2	Naphthalene-d8	34611		10.319			
15067-26-2	Acenaphthene-d10	20127		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z6DL	SDG No.:	BM122024
Lab Sample ID:	P5265-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049125.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	42506	16.942				
1719-03-5	Chrysene-d12	32939	21.143				
1520-96-3	Perylene-d12	36025	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BM122024
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049126.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.5	ug/Kg
91-20-3	Naphthalene	5.7		0.25	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	5		0.66	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	6.7		0.24	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	2.8	J	0.42	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	15		0.23	1.1	4.2	ug/Kg
86-73-7	Fluorene	7.4		0.28	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	230	E	0.23	1.1	4.2	ug/Kg
120-12-7	Anthracene	14		0.22	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	230	E	0.23	1.1	4.2	ug/Kg
129-00-0	Pyrene	170	E	0.31	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	54		0.12	1.1	4.2	ug/Kg
218-01-9	Chrysene	64		0.32	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	E	0.6	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	30		0.41	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	61		0.41	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		0.66	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9		0.6	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53		0.95	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.897		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.115	*	30-130		29	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.161		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8194		7.556			
1146-65-2	Naphthalene-d8	24862		10.32			
15067-26-2	Acenaphthene-d10	13568		14.192			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3	SDG No.:	BM122024
Lab Sample ID:	P5265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049126.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29040	16.943				
1719-03-5	Chrysene-d12	26236	21.143				
1520-96-3	Perylene-d12	31161	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3DL	SDG No.:	BM122024
Lab Sample ID:	P5265-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049127.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

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	4.7	JD	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	5.1	JD	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	12	JD	1.1	5.3	21	ug/Kg
86-73-7	Fluorene	5.9	JD	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.7	43	ug/Kg
85-01-8	Phenanthrene	190	D	1.1	5.3	21	ug/Kg
120-12-7	Anthracene	13	JD	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	190	D	1.1	5.3	21	ug/Kg
129-00-0	Pyrene	150	D	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	42	D	0.59	5.3	21	ug/Kg
218-01-9	Chrysene	52	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	73	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	23	D	2	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	48	D	2	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.2	JD	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	D	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.435		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.095	*	30-130		24	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.13		20-140		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10459		7.56			
1146-65-2	Naphthalene-d8	31264		10.321			
15067-26-2	Acenaphthene-d10	18045		14.197			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z3DL	SDG No.:	BM122024
Lab Sample ID:	P5265-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049127.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	36594	16.943				
1719-03-5	Chrysene-d12	30791	21.143				
1520-96-3	Perylene-d12	33339	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BM122024
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049128.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	35		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	9.7		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	15		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	3.3	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	48		0.22	1	4	ug/Kg
86-73-7	Fluorene	56		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	380	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	110	E	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	410	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	300	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	130	E	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	57		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	130	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	E	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.141		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.177		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.196		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10336		7.56			
1146-65-2	Naphthalene-d8	32629		10.321			
15067-26-2	Acenaphthene-d10	18549		14.192			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902	SDG No.:	BM122024
Lab Sample ID:	P5265-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049128.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	41519	16.943				
1719-03-5	Chrysene-d12	32067	21.143				
1520-96-3	Perylene-d12	36713	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902DL	SDG No.:	BM122024
Lab Sample ID:	P5265-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049129.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	40	ug/Kg
91-20-3	Naphthalene	34	D	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	9.3	JD	3.1	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	15	JD	1.1	5	20	ug/Kg
208-96-8	Acenaphthylene	5	JD	2	5	20	ug/Kg
83-32-9	Acenaphthene	47	D	1.1	5	20	ug/Kg
86-73-7	Fluorene	53	D	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.1	40	ug/Kg
85-01-8	Phenanthrene	390	ED	1.1	5	20	ug/Kg
120-12-7	Anthracene	110	D	1	5	20	ug/Kg
206-44-0	Fluoranthene	400	ED	1.1	5	20	ug/Kg
129-00-0	Pyrene	300	D	1.4	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	0.56	5	20	ug/Kg
218-01-9	Chrysene	130	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.8	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	D	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62	D	3.1	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18	JD	2.8	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	D	4.5	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.02		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10738		7.56			
1146-65-2	Naphthalene-d8	33671		10.319			
15067-26-2	Acenaphthene-d10	19439		14.191			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2902DL	SDG No.:	BM122024
Lab Sample ID:	P5265-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.5
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
BM049129.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	40786	16.942				
1719-03-5	Chrysene-d12	33565	21.143				
1520-96-3	Perylene-d12	35472	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BM122024
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
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
BM049130.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	3.9	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	2.6	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2.8	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.4	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	2.6	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	1.9	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	68	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	9.1		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	100	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	77	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	37		0.11	1	4	ug/Kg
218-01-9	Chrysene	35		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	51		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	34		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.2		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.912		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.203		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8487		7.556			
1146-65-2	Naphthalene-d8	26860		10.319			
15067-26-2	Acenaphthene-d10	15178		14.195			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901	SDG No.:	BM122024
Lab Sample ID:	P5265-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049130.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	33342	16.941				
1719-03-5	Chrysene-d12	27457	21.143				
1520-96-3	Perylene-d12	26910	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901DL	SDG No.:	BM122024
Lab Sample ID:	P5265-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049131.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	2	U	2	5	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	59	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	8.3	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	87	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	69	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	30	D	0.57	5	20	ug/Kg
218-01-9	Chrysene	31	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	D	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	15	JD	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	26	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15	JD	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.1	JD	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	D	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.205		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10076		7.556			
1146-65-2	Naphthalene-d8	31051		10.321			
15067-26-2	Acenaphthene-d10	17959		14.192			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2901DL	SDG No.:	BM122024
Lab Sample ID:	P5265-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049131.D	5	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	36925	16.943				
1719-03-5	Chrysene-d12	31042	21.143				
1520-96-3	Perylene-d12	33233	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BM122024
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.5
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
BM049132.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.6	ug/Kg
91-20-3	Naphthalene	1.6	J	0.26	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.67	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.23	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.3	J	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	17		0.23	1.1	4.3	ug/Kg
120-12-7	Anthracene	3.9	J	0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	38		0.23	1.1	4.3	ug/Kg
129-00-0	Pyrene	31		0.31	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.12	1.1	4.3	ug/Kg
218-01-9	Chrysene	17		0.32	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	27		0.61	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.9		0.41	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	18		0.41	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.67	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3	J	0.61	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.97	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.766		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.122		30-130		31	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.186		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9470		7.556			
1146-65-2	Naphthalene-d8	29513		10.315			
15067-26-2	Acenaphthene-d10	16390		14.192			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z0	SDG No.:	BM122024
Lab Sample ID:	P5265-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.5
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
BM049132.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	35661	16.943				
1719-03-5	Chrysene-d12	29476	21.143				
1520-96-3	Perylene-d12	29726	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BM122024
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049133.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	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	2.1	J	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	1.7	J	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	1.3	J	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	0.79	J	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1	J	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	2.888		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.142		30-130		36	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.16		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8774		7.556			
1146-65-2	Naphthalene-d8	27291		10.319			
15067-26-2	Acenaphthene-d10	15137		14.196			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Y6	SDG No.:	BM122024
Lab Sample ID:	P5265-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.1
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
BM049133.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32525	16.942				
1719-03-5	Chrysene-d12	26686	21.143				
1520-96-3	Perylene-d12	26396	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BM122024
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049134.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	1.8	J	0.25	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	5.4		0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	6.6		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	4.7		0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	21		0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	4.5		0.22	1	4	ug/Kg
129-00-0	Pyrene	4.5		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	1.1	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	3.9	J	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	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	0.64	U	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	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	2.991		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.178		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9259		7.556			
1146-65-2	Naphthalene-d8	28418		10.319			
15067-26-2	Acenaphthene-d10	17037		14.191			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E28Z7	SDG No.:	BM122024
Lab Sample ID:	P5265-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049134.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	36858	16.941				
1719-03-5	Chrysene-d12	31420	21.143				
1520-96-3	Perylene-d12	35693	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BM122024
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
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
BM049135.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

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	1.9	J	0.23	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.6	J	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	J	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	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	2.3	U	2.3	2	7.9	ug/Kg
85-01-8	Phenanthrene	11		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	1.4	J	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	19		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	16		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	7.2		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	8.7		0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.3		0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	8.2		0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.2		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	J	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.7		0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.644		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.179		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.211		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10288		7.556			
1146-65-2	Naphthalene-d8	32562		10.319			
15067-26-2	Acenaphthene-d10	18394		14.191			

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	E2900	SDG No.:	BM122024
Lab Sample ID:	P5265-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
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
BM049135.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	39950	16.941				
1719-03-5	Chrysene-d12	32604	21.143				
1520-96-3	Perylene-d12	32036	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS708	SDG No.:	BM122024
Lab Sample ID:	PB165708BS	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
BM049136.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	19		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.61		15-120		76	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		20-140		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10029		7.56			
1146-65-2	Naphthalene-d8	32204		10.319			
15067-26-2	Acenaphthene-d10	19025		14.191			

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS708	SDG No.:	BM122024
Lab Sample ID:	PB165708BS	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
BM049136.D	1	12/18/2024 12:00:00 AM	12/21/2024 12:00:00 AM	PB165708

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	38319	16.941				
1719-03-5	Chrysene-d12	30497	21.143				
1520-96-3	Perylene-d12	32690	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6698			SDG No.:	BM122024		
Lab Sample ID:	SP6698			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049138.D	1		12/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	0	200	ug/L
91-20-3	Naphthalene	4.3	U	4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	15	U	15	50	100	ug/L
91-57-6	2-Methylnaphthalene	5.3	U	5.3	50	100	ug/L
208-96-8	Acenaphthylene	12	U	12	50	100	ug/L
83-32-9	Acenaphthene	7.4	U	7.4	50	100	ug/L
86-73-7	Fluorene	6.7	U	6.7	50	100	ug/L
87-86-5	Pentachlorophenol	63	U	63	100	200	ug/L
85-01-8	Phenanthrene	6.8	U	6.8	50	100	ug/L
120-12-7	Anthracene	8	U	8	50	100	ug/L
206-44-0	Fluoranthene	7.9	U	7.9	50	100	ug/L
129-00-0	Pyrene	6	U	6	50	100	ug/L
56-55-3	Benzo(a)anthracene	3.6	U	3.6	50	100	ug/L
218-01-9	Chrysene	7.7	U	7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	13	U	13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	9.8	U	9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	17	U	17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	17	U	17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	22	U	22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	14594	*	15-120		182425	SPK: -8
93951-69-0	Fluoranthene-d10	900	*	30-130		225000	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	840	*	30-130		210000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6514		7.565			
1146-65-2	Naphthalene-d8	19671		10.321			
15067-26-2	Acenaphthene-d10	10675		14.192			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6698			SDG No.:	BM122024		
Lab Sample ID:	SP6698			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049138.D	1		12/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21351	16.943				
1719-03-5	Chrysene-d12	14470	21.146				
1520-96-3	Perylene-d12	14970	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28Y6								
P5265-01	E28Y6	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
Total Tics :				0.00				
P5265-01	E28Y6	Solid	Benzo(b)fluoranthene		1.000	J 0.56	3.9	ug/Kg
P5265-01	E28Y6	Solid	Chrysene		0.790	J 0.3	3.9	ug/Kg
P5265-01	E28Y6	Solid	Fluoranthene		1.700	J 0.21	3.9	ug/Kg
P5265-01	E28Y6	Solid	Phenanthrene		2.100	J 0.21	3.9	ug/Kg
P5265-01	E28Y6	Solid	Pyrene		1.300	J 0.29	3.9	ug/Kg
Total Svoc :				6.89				
Total Concentration:				6.89				
Client ID : E28Y7								
P5265-02	E28Y7	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P5265-02	E28Y7	Solid	1-Methylnaphthalene		2.100	J 0.64	4.1	ug/Kg
P5265-02	E28Y7	Solid	2-Methylnaphthalene		2.900	J 0.23	4.1	ug/Kg
P5265-02	E28Y7	Solid	Acenaphthene		6.000	0.22	4.1	ug/Kg
P5265-02	E28Y7	Solid	Acenaphthylene		1.500	J 0.41	4.1	ug/Kg
P5265-02	E28Y7	Solid	Anthracene		11.000	0.21	4.1	ug/Kg
P5265-02	E28Y7	Solid	Benzo(a)anthracene		34.000	0.11	4.1	ug/Kg
P5265-02	E28Y7	Solid	Benzo(a)pyrene		21.000	0.39	4.1	ug/Kg
P5265-02	E28Y7	Solid	Benzo(b)fluoranthene		49.000	0.58	4.1	ug/Kg
P5265-02	E28Y7	Solid	Benzo(g,h,i)perylene		3.000	J 0.92	4.1	ug/Kg
P5265-02	E28Y7	Solid	Benzo(k)fluoranthene		24.000	0.39	4.1	ug/Kg
P5265-02	E28Y7	Solid	Chrysene		33.000	0.31	4.1	ug/Kg
P5265-02	E28Y7	Solid	Dibenzo(a,h)anthracene		5.700	0.58	4.1	ug/Kg
P5265-02	E28Y7	Solid	Fluoranthene		82.000	E 0.22	4.1	ug/Kg
P5265-02	E28Y7	Solid	Fluorene		4.300	0.27	4.1	ug/Kg
P5265-02	E28Y7	Solid	Indeno(1,2,3-cd)pyrene		15.000	0.64	4.1	ug/Kg
P5265-02	E28Y7	Solid	Naphthalene		2.700	J 0.25	4.1	ug/Kg
P5265-02	E28Y7	Solid	Phenanthrene		45.000	0.22	4.1	ug/Kg
P5265-02	E28Y7	Solid	Pyrene		55.000	0.3	4.1	ug/Kg
Total Svoc :				397.20				
Total Concentration:				397.20				
Client ID : E28Y7DL								
P5265-02DL	E28Y7DL	Solid	Total Alkanes	*	0.000	D 5.5	41	ug/Kg
Total Tics :				0.00				
P5265-02DL	E28Y7DL	Solid	Acenaphthene		5.700	JD 1.1	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Anthracene		10.000	JD 1	20	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-02DL	E28Y7DL	Solid	Benzo(a)anthracene	32.000	D	0.57	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Benzo(a)pyrene	18.000	JD	2	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Benzo(b)fluoranthene	41.000	D	2.9	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Benzo(k)fluoranthene	16.000	JD	2	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Chrysene	31.000	D	1.5	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Dibenzo(a,h)anthracene	4.700	JD	2.9	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Fluoranthene	72.000	D	1.1	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Fluorene	4.100	JD	1.4	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Indeno(1,2,3-cd)pyrene	12.000	JD	3.2	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Phenanthrene	44.000	D	1.1	20	ug/Kg
P5265-02DL	E28Y7DL	Solid	Pyrene	50.000	D	1.5	20	ug/Kg

Total Svoc :

340.50

Total Concentration:

340.50

Client ID : E28Y8

P5265-03	E28Y8	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
P5265-03	E28Y8	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg

Total Tics :

0.00

P5265-03	E28Y8	Solid	1-Methylnaphthalene		5.200	0.63	4	ug/Kg
P5265-03	E28Y8	Solid	2-Methylnaphthalene		7.500	0.23	4	ug/Kg
P5265-03	E28Y8	Solid	Acenaphthene		8.600	0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Acenaphthylene		160.000	E 0.4	4	ug/Kg
P5265-03	E28Y8	Solid	Anthracene		77.000	E 0.2	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(a)anthracene		410.000	E 0.11	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(a)pyrene		380.000	E 0.39	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(b)fluoranthene		510.000	E 0.57	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(g,h,i)perylene		220.000	E 0.9	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(k)fluoranthene		170.000	E 0.39	4	ug/Kg
P5265-03	E28Y8	Solid	Chrysene		340.000	E 0.3	4	ug/Kg
P5265-03	E28Y8	Solid	Dibenzo(a,h)anthracene		60.000	0.57	4	ug/Kg
P5265-03	E28Y8	Solid	Fluoranthene		750.000	E 0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Fluorene		12.000	0.27	4	ug/Kg
P5265-03	E28Y8	Solid	Indeno(1,2,3-cd)pyrene		190.000	E 0.63	4	ug/Kg
P5265-03	E28Y8	Solid	Naphthalene		5.900	0.24	4	ug/Kg
P5265-03	E28Y8	Solid	Phenanthrene		130.000	E 0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Pyrene		630.000	E 0.29	4	ug/Kg
P5265-03	E28Y8	Solid	1-Methylnaphthalene		5.300	0.63	4	ug/Kg
P5265-03	E28Y8	Solid	2-Methylnaphthalene		7.600	0.23	4	ug/Kg
P5265-03	E28Y8	Solid	Acenaphthene		9.100	0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Acenaphthylene		160.000	E 0.4	4	ug/Kg
P5265-03	E28Y8	Solid	Anthracene		82.000	E 0.2	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-03	E28Y8	Solid	Benzo(a)anthracene	400.000	E	0.11	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(a)pyrene	350.000	E	0.39	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(b)fluoranthene	460.000	E	0.57	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(g,h,i)perylene	200.000	E	0.9	4	ug/Kg
P5265-03	E28Y8	Solid	Benzo(k)fluoranthene	150.000	E	0.39	4	ug/Kg
P5265-03	E28Y8	Solid	Chrysene	330.000	E	0.3	4	ug/Kg
P5265-03	E28Y8	Solid	Dibenzo(a,h)anthracene	56.000		0.57	4	ug/Kg
P5265-03	E28Y8	Solid	Fluoranthene	710.000	E	0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Fluorene	13.000		0.27	4	ug/Kg
P5265-03	E28Y8	Solid	Indeno(1,2,3-cd)pyrene	160.000	E	0.63	4	ug/Kg
P5265-03	E28Y8	Solid	Naphthalene	5.900		0.24	4	ug/Kg
P5265-03	E28Y8	Solid	Phenanthrene	130.000	E	0.22	4	ug/Kg
P5265-03	E28Y8	Solid	Pyrene	600.000	E	0.29	4	ug/Kg

Total Svoc : 7,895.10

Total Concentration: 7,895.10

Client ID : E28Y8DL

P5265-03DL	E28Y8DL	Solid	Total Alkanes	*	0.000	D 5.4	40	ug/Kg
Total Tics :					0.00			
P5265-03DL	E28Y8DL	Solid	1-Methylnaphthalene		4.600	JD 3.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	2-Methylnaphthalene		6.400	JD 1.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Acenaphthene		13.000	JD 1.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Acenaphthylene		160.000	D 2	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Anthracene		75.000	D 1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Benzo(a)anthracene		330.000	ED 0.56	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Benzo(a)pyrene		280.000	D 1.9	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Benzo(b)fluoranthene		380.000	ED 2.8	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Benzo(g,h,i)perylene		170.000	D 4.5	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Benzo(k)fluoranthene		130.000	D 1.9	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Chrysene		270.000	D 1.5	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Dibenzo(a,h)anthracene		45.000	D 2.8	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Fluoranthene		590.000	ED 1.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Fluorene		12.000	JD 1.3	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Indeno(1,2,3-cd)pyrene		140.000	D 3.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Naphthalene		5.000	JD 1.2	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Phenanthrene		120.000	D 1.1	20	ug/Kg
P5265-03DL	E28Y8DL	Solid	Pyrene		500.000	ED 1.4	20	ug/Kg

Total Svoc : 3,231.00

Total Concentration: 3,231.00

Client ID : E28Y9

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-04	E28Y9	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :				0.00				
P5265-04	E28Y9	Solid	1-Methylnaphthalene	2.300	J	0.65	4.1	ug/Kg
P5265-04	E28Y9	Solid	2-Methylnaphthalene	3.300	J	0.24	4.1	ug/Kg
P5265-04	E28Y9	Solid	Acenaphthene	2.800	J	0.23	4.1	ug/Kg
P5265-04	E28Y9	Solid	Acenaphthylene	1.700	J	0.41	4.1	ug/Kg
P5265-04	E28Y9	Solid	Anthracene	7.300		0.21	4.1	ug/Kg
P5265-04	E28Y9	Solid	Benzo(a)anthracene	31.000		0.12	4.1	ug/Kg
P5265-04	E28Y9	Solid	Benzo(a)pyrene	32.000		0.4	4.1	ug/Kg
P5265-04	E28Y9	Solid	Benzo(b)fluoranthene	45.000		0.59	4.1	ug/Kg
P5265-04	E28Y9	Solid	Benzo(g,h,i)perylene	24.000		0.94	4.1	ug/Kg
P5265-04	E28Y9	Solid	Benzo(k)fluoranthene	16.000		0.4	4.1	ug/Kg
P5265-04	E28Y9	Solid	Chrysene	30.000		0.31	4.1	ug/Kg
P5265-04	E28Y9	Solid	Dibenzo(a,h)anthracene	5.500		0.59	4.1	ug/Kg
P5265-04	E28Y9	Solid	Fluoranthene	68.000	E	0.23	4.1	ug/Kg
P5265-04	E28Y9	Solid	Fluorene	2.100	J	0.28	4.1	ug/Kg
P5265-04	E28Y9	Solid	Indeno(1,2,3-cd)pyrene	18.000		0.65	4.1	ug/Kg
P5265-04	E28Y9	Solid	Naphthalene	2.500	J	0.25	4.1	ug/Kg
P5265-04	E28Y9	Solid	Phenanthrene	31.000		0.23	4.1	ug/Kg
P5265-04	E28Y9	Solid	Pyrene	54.000		0.3	4.1	ug/Kg
Total Svoc :				376.50				
Total Concentration:				376.50				
Client ID : E28Z0								
P5265-05	E28Z0	Solid	Total Alkanes	*	0.000	1.1	8.6	ug/Kg
Total Tics :				0.00				
P5265-05	E28Z0	Solid	1-Methylnaphthalene	1.300	J	0.67	4.3	ug/Kg
P5265-05	E28Z0	Solid	2-Methylnaphthalene	1.900	J	0.25	4.3	ug/Kg
P5265-05	E28Z0	Solid	Acenaphthene	1.500	J	0.23	4.3	ug/Kg
P5265-05	E28Z0	Solid	Acenaphthylene	1.200	J	0.43	4.3	ug/Kg
P5265-05	E28Z0	Solid	Anthracene	3.900	J	0.22	4.3	ug/Kg
P5265-05	E28Z0	Solid	Benzo(a)anthracene	17.000		0.12	4.3	ug/Kg
P5265-05	E28Z0	Solid	Benzo(a)pyrene	18.000		0.41	4.3	ug/Kg
P5265-05	E28Z0	Solid	Benzo(b)fluoranthene	27.000		0.61	4.3	ug/Kg
P5265-05	E28Z0	Solid	Benzo(g,h,i)perylene	13.000		0.97	4.3	ug/Kg
P5265-05	E28Z0	Solid	Benzo(k)fluoranthene	7.900		0.41	4.3	ug/Kg
P5265-05	E28Z0	Solid	Chrysene	17.000		0.32	4.3	ug/Kg
P5265-05	E28Z0	Solid	Dibenzo(a,h)anthracene	3.000	J	0.61	4.3	ug/Kg
P5265-05	E28Z0	Solid	Fluoranthene	38.000		0.23	4.3	ug/Kg
P5265-05	E28Z0	Solid	Fluorene	1.300	J	0.28	4.3	ug/Kg
P5265-05	E28Z0	Solid	Indeno(1,2,3-cd)pyrene	10.000		0.67	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-05	E28Z0	Solid	Naphthalene	1.600	J	0.26	4.3	ug/Kg
P5265-05	E28Z0	Solid	Phenanthrene	17.000		0.23	4.3	ug/Kg
P5265-05	E28Z0	Solid	Pyrene	31.000		0.31	4.3	ug/Kg
Total Svoc :				211.60				
Total Concentration:				211.60				
Client ID : E28Z1								
P5265-06	E28Z1	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
P5265-06	E28Z1	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P5265-06	E28Z1	Solid	1-Methylnaphthalene	3.600	J	0.63	4	ug/Kg
P5265-06	E28Z1	Solid	2-Methylnaphthalene	3.500	J	0.23	4	ug/Kg
P5265-06	E28Z1	Solid	Acenaphthene	11.000		0.22	4	ug/Kg
P5265-06	E28Z1	Solid	Acenaphthylene	8.400		0.4	4	ug/Kg
P5265-06	E28Z1	Solid	Anthracene	16.000		0.21	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(a)anthracene	200.000	E	0.11	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(a)pyrene	320.000	E	0.39	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(b)fluoranthene	500.000	E	0.57	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(g,h,i)perylene	340.000	E	0.91	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(k)fluoranthene	170.000	E	0.39	4	ug/Kg
P5265-06	E28Z1	Solid	Chrysene	310.000	E	0.3	4	ug/Kg
P5265-06	E28Z1	Solid	Dibenzo(a,h)anthracene	51.000		0.57	4	ug/Kg
P5265-06	E28Z1	Solid	Fluoranthene	970.000	E	0.22	4	ug/Kg
P5265-06	E28Z1	Solid	Fluorene	8.300		0.27	4	ug/Kg
P5265-06	E28Z1	Solid	Indeno(1,2,3-cd)pyrene	240.000	E	0.63	4	ug/Kg
P5265-06	E28Z1	Solid	Naphthalene	2.600	J	0.24	4	ug/Kg
P5265-06	E28Z1	Solid	Phenanthrene	410.000	E	0.22	4	ug/Kg
P5265-06	E28Z1	Solid	Pyrene	800.000	E	0.29	4	ug/Kg
P5265-06	E28Z1	Solid	1-Methylnaphthalene	3.700	J	0.63	4	ug/Kg
P5265-06	E28Z1	Solid	2-Methylnaphthalene	3.500	J	0.23	4	ug/Kg
P5265-06	E28Z1	Solid	Acenaphthene	11.000		0.22	4	ug/Kg
P5265-06	E28Z1	Solid	Acenaphthylene	7.400		0.4	4	ug/Kg
P5265-06	E28Z1	Solid	Anthracene	16.000		0.21	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(a)anthracene	200.000	E	0.11	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(a)pyrene	290.000	E	0.39	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(b)fluoranthene	490.000	E	0.57	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(g,h,i)perylene	310.000	E	0.91	4	ug/Kg
P5265-06	E28Z1	Solid	Benzo(k)fluoranthene	140.000	E	0.39	4	ug/Kg
P5265-06	E28Z1	Solid	Chrysene	290.000	E	0.3	4	ug/Kg
P5265-06	E28Z1	Solid	Dibenzo(a,h)anthracene	44.000		0.57	4	ug/Kg
P5265-06	E28Z1	Solid	Fluoranthene	900.000	E	0.22	4	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-06	E28Z1	Solid	Fluorene	8.200		0.27	4	ug/Kg
P5265-06	E28Z1	Solid	Indeno(1,2,3-cd)pyrene	220.000	E	0.63	4	ug/Kg
P5265-06	E28Z1	Solid	Naphthalene	2.400	J	0.24	4	ug/Kg
P5265-06	E28Z1	Solid	Phenanthrene	400.000	E	0.22	4	ug/Kg
P5265-06	E28Z1	Solid	Pyrene	750.000	E	0.29	4	ug/Kg
Total Svoc :				8,450.60				
Total Concentration:				8,450.60				
Client ID : E28Z1DL								
P5265-06DL	E28Z1DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P5265-06DL	E28Z1DL	Solid	Acenaphthene	11.000	JD	1.1	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Acenaphthylene	11.000	JD	2	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Anthracene	14.000	JD	1	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Benzo(a)anthracene	160.000	D	0.57	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Benzo(a)pyrene	230.000	D	2	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Benzo(b)fluoranthene	380.000	ED	2.9	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Benzo(g,h,i)perylene	250.000	D	4.6	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Benzo(k)fluoranthene	130.000	D	2	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Chrysene	240.000	D	1.5	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Dibenzo(a,h)anthracene	35.000	D	2.9	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Fluoranthene	750.000	ED	1.1	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Fluorene	8.100	JD	1.3	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Indeno(1,2,3-cd)pyrene	180.000	D	3.2	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Phenanthrene	370.000	ED	1.1	20	ug/Kg
P5265-06DL	E28Z1DL	Solid	Pyrene	630.000	ED	1.5	20	ug/Kg
Total Svoc :				3,399.10				
Total Concentration:				3,399.10				
Client ID : E28Z2								
P5265-07	E28Z2	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
P5265-07	E28Z2	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
Total Tics :				0.00				
P5265-07	E28Z2	Solid	1-Methylnaphthalene	6.200		0.65	4.1	ug/Kg
P5265-07	E28Z2	Solid	2-Methylnaphthalene	9.600		0.24	4.1	ug/Kg
P5265-07	E28Z2	Solid	Acenaphthene	3.800	J	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Acenaphthylene	12.000		0.41	4.1	ug/Kg
P5265-07	E28Z2	Solid	Anthracene	19.000		0.21	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(a)anthracene	65.000		0.12	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(a)pyrene	76.000	E	0.4	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(b)fluoranthene	120.000	E	0.58	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(g,h,i)perylene	71.000	E	0.93	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-07	E28Z2	Solid	Benzo(k)fluoranthene	37.000		0.4	4.1	ug/Kg
P5265-07	E28Z2	Solid	Chrysene	72.000	E	0.31	4.1	ug/Kg
P5265-07	E28Z2	Solid	Dibenzo(a,h)anthracene	13.000		0.58	4.1	ug/Kg
P5265-07	E28Z2	Solid	Fluoranthene	170.000	E	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Fluorene	5.200		0.27	4.1	ug/Kg
P5265-07	E28Z2	Solid	Indeno(1,2,3-cd)pyrene	51.000		0.65	4.1	ug/Kg
P5265-07	E28Z2	Solid	Naphthalene	7.100		0.25	4.1	ug/Kg
P5265-07	E28Z2	Solid	Phenanthrene	78.000	E	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Pyrene	130.000	E	0.3	4.1	ug/Kg
P5265-07	E28Z2	Solid	1-Methylnaphthalene	6.200		0.65	4.1	ug/Kg
P5265-07	E28Z2	Solid	2-Methylnaphthalene	9.800		0.24	4.1	ug/Kg
P5265-07	E28Z2	Solid	Acenaphthene	3.800	J	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Acenaphthylene	12.000		0.41	4.1	ug/Kg
P5265-07	E28Z2	Solid	Anthracene	21.000		0.21	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(a)anthracene	63.000		0.12	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(a)pyrene	72.000	E	0.4	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(b)fluoranthene	120.000	E	0.58	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(g,h,i)perylene	67.000	E	0.93	4.1	ug/Kg
P5265-07	E28Z2	Solid	Benzo(k)fluoranthene	33.000		0.4	4.1	ug/Kg
P5265-07	E28Z2	Solid	Chrysene	71.000	E	0.31	4.1	ug/Kg
P5265-07	E28Z2	Solid	Dibenzo(a,h)anthracene	13.000		0.58	4.1	ug/Kg
P5265-07	E28Z2	Solid	Fluoranthene	160.000	E	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Fluorene	5.100		0.27	4.1	ug/Kg
P5265-07	E28Z2	Solid	Indeno(1,2,3-cd)pyrene	49.000		0.65	4.1	ug/Kg
P5265-07	E28Z2	Solid	Naphthalene	7.100		0.25	4.1	ug/Kg
P5265-07	E28Z2	Solid	Phenanthrene	79.000	E	0.22	4.1	ug/Kg
P5265-07	E28Z2	Solid	Pyrene	130.000	E	0.3	4.1	ug/Kg
Total Svoc :				1,867.90				
Total Concentration:				1,867.90				
Client ID :	E28Z2DL							
P5265-07DL	E28Z2DL	Solid	Total Alkanes	*	0.000	D 5.5	42	ug/Kg
Total Tics :				0.00				
P5265-07DL	E28Z2DL	Solid	1-Methylnaphthalene	5.200	JD	3.2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	2-Methylnaphthalene	7.400	JD	1.2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Acenaphthylene	13.000	JD	2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Anthracene	17.000	JD	1.1	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Benzo(a)anthracene	49.000	D	0.58	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Benzo(a)pyrene	54.000	D	2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Benzo(b)fluoranthene	86.000	D	2.9	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Benzo(g,h,i)perylene	51.000	D	4.7	20	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-07DL	E28Z2DL	Solid	Benzo(k)fluoranthene	27.000	D	2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Chrysene	59.000	D	1.6	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Dibenzo(a,h)anthracene	9.300	JD	2.9	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Fluoranthene	130.000	D	1.1	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Fluorene	4.800	JD	1.4	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Indeno(1,2,3-cd)pyrene	36.000	D	3.2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Naphthalene	5.600	JD	1.2	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Phenanthrene	65.000	D	1.1	20	ug/Kg
P5265-07DL	E28Z2DL	Solid	Pyrene	110.000	D	1.5	20	ug/Kg

Total Svoc :

729.30

Total Concentration:

729.30

Client ID : E28Z3

P5265-08	E28Z3	Solid	Total Alkanes	*	0.000	1.1	8.5	ug/Kg
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Total Tics :

0.00

P5265-08	E28Z3	Solid	1-Methylnaphthalene		5.000	0.66	4.2	ug/Kg
P5265-08	E28Z3	Solid	2-Methylnaphthalene		6.700	0.24	4.2	ug/Kg
P5265-08	E28Z3	Solid	Acenaphthene		15.000	0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Acenaphthylene		2.800	J 0.42	4.2	ug/Kg
P5265-08	E28Z3	Solid	Anthracene		14.000	0.22	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(a)anthracene		54.000	0.12	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(a)pyrene		61.000	0.41	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(b)fluoranthene		88.000	E 0.6	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(g,h,i)perylene		53.000	0.95	4.2	ug/Kg
P5265-08	E28Z3	Solid	Benzo(k)fluoranthene		30.000	0.41	4.2	ug/Kg
P5265-08	E28Z3	Solid	Chrysene		64.000	0.32	4.2	ug/Kg
P5265-08	E28Z3	Solid	Dibenzo(a,h)anthracene		9.000	0.6	4.2	ug/Kg
P5265-08	E28Z3	Solid	Fluoranthene		230.000	E 0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Fluorene		7.400	0.28	4.2	ug/Kg
P5265-08	E28Z3	Solid	Indeno(1,2,3-cd)pyrene		39.000	0.66	4.2	ug/Kg
P5265-08	E28Z3	Solid	Naphthalene		5.700	0.25	4.2	ug/Kg
P5265-08	E28Z3	Solid	Phenanthrene		230.000	E 0.23	4.2	ug/Kg
P5265-08	E28Z3	Solid	Pyrene		170.000	E 0.31	4.2	ug/Kg

Total Svoc :

1,084.60

Total Concentration:

1,084.60

Client ID : E28Z3DL

P5265-08DL	E28Z3DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
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Total Tics :

0.00

P5265-08DL	E28Z3DL	Solid	2-Methylnaphthalene		5.100	JD 1.2	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Acenaphthene		12.000	JD 1.1	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Anthracene		13.000	JD 1.1	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-08DL	E28Z3DL	Solid	Benzo(a)anthracene	42.000	D	0.59	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Benzo(a)pyrene	48.000	D	2	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Benzo(b)fluoranthene	73.000	D	3	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Benzo(g,h,i)perylene	42.000	D	4.8	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Benzo(k)fluoranthene	23.000	D	2	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Chrysene	52.000	D	1.6	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Dibenzo(a,h)anthracene	7.200	JD	3	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Fluoranthene	190.000	D	1.1	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Fluorene	5.900	JD	1.4	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Indeno(1,2,3-cd)pyrene	32.000	D	3.3	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Naphthalene	4.700	JD	1.3	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Phenanthrene	190.000	D	1.1	21	ug/Kg
P5265-08DL	E28Z3DL	Solid	Pyrene	150.000	D	1.5	21	ug/Kg

Total Svoc : 889.90

Total Concentration: 889.90

Client ID : E28Z4

P5265-09	E28Z4	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
P5265-09	E28Z4	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg

Total Tics : 0.00

P5265-09	E28Z4	Solid	1-Methylnaphthalene		2.700	J	0.64	4.1	ug/Kg
P5265-09	E28Z4	Solid	2-Methylnaphthalene		3.600	J	0.23	4.1	ug/Kg
P5265-09	E28Z4	Solid	Acenaphthene		3.100	J	0.22	4.1	ug/Kg
P5265-09	E28Z4	Solid	Acenaphthylene		4.800		0.41	4.1	ug/Kg
P5265-09	E28Z4	Solid	Anthracene		9.500		0.21	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(a)anthracene		49.000		0.11	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(a)pyrene		52.000		0.39	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(b)fluoranthene		80.000	E	0.58	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(g,h,i)perylene		40.000		0.92	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(k)fluoranthene		25.000		0.39	4.1	ug/Kg
P5265-09	E28Z4	Solid	Chrysene		50.000		0.31	4.1	ug/Kg
P5265-09	E28Z4	Solid	Dibenzo(a,h)anthracene		8.800		0.58	4.1	ug/Kg
P5265-09	E28Z4	Solid	Fluoranthene		110.000	E	0.22	4.1	ug/Kg
P5265-09	E28Z4	Solid	Fluorene		2.400	J	0.27	4.1	ug/Kg
P5265-09	E28Z4	Solid	Indeno(1,2,3-cd)pyrene		30.000		0.64	4.1	ug/Kg
P5265-09	E28Z4	Solid	Naphthalene		4.500		0.25	4.1	ug/Kg
P5265-09	E28Z4	Solid	Phenanthrene		44.000		0.22	4.1	ug/Kg
P5265-09	E28Z4	Solid	Pyrene		87.000	E	0.29	4.1	ug/Kg
P5265-09	E28Z4	Solid	1-Methylnaphthalene		2.600	J	0.64	4.1	ug/Kg
P5265-09	E28Z4	Solid	2-Methylnaphthalene		3.500	J	0.23	4.1	ug/Kg
P5265-09	E28Z4	Solid	Acenaphthene		3.000	J	0.22	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-09	E28Z4	Solid	Acenaphthylene	4.600		0.41	4.1	ug/Kg
P5265-09	E28Z4	Solid	Anthracene	9.700		0.21	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(a)anthracene	48.000		0.11	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(a)pyrene	47.000		0.39	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(b)fluoranthene	69.000	E	0.58	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(g,h,i)perylene	35.000		0.92	4.1	ug/Kg
P5265-09	E28Z4	Solid	Benzo(k)fluoranthene	23.000		0.39	4.1	ug/Kg
P5265-09	E28Z4	Solid	Chrysene	49.000		0.31	4.1	ug/Kg
P5265-09	E28Z4	Solid	Dibenzo(a,h)anthracene	7.900		0.58	4.1	ug/Kg
P5265-09	E28Z4	Solid	Fluoranthene	100.000	E	0.22	4.1	ug/Kg
P5265-09	E28Z4	Solid	Fluorene	2.500	J	0.27	4.1	ug/Kg
P5265-09	E28Z4	Solid	Indeno(1,2,3-cd)pyrene	26.000		0.64	4.1	ug/Kg
P5265-09	E28Z4	Solid	Naphthalene	4.400		0.25	4.1	ug/Kg
P5265-09	E28Z4	Solid	Phenanthrene	44.000		0.22	4.1	ug/Kg
P5265-09	E28Z4	Solid	Pyrene	81.000	E	0.29	4.1	ug/Kg
Total Svoc :				1,166.60				
Total Concentration:				1,166.60				
Client ID :	E28Z4DL							
P5265-09DL	E28Z4DL	Solid	Total Alkanes	*	0.000	D 5.5	41	ug/Kg
Total Tics :				0.00				
P5265-09DL	E28Z4DL	Solid	Acenaphthylene	5.900	JD	2	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Anthracene	8.800	JD	1	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Benzo(a)anthracene	40.000	D	0.57	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Benzo(a)pyrene	41.000	D	2	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Benzo(b)fluoranthene	58.000	D	2.9	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Benzo(g,h,i)perylene	32.000	D	4.6	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Benzo(k)fluoranthene	21.000	D	2	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Chrysene	43.000	D	1.5	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Dibenzo(a,h)anthracene	7.000	JD	2.9	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Fluoranthene	83.000	D	1.1	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Indeno(1,2,3-cd)pyrene	24.000	D	3.2	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Naphthalene	4.100	JD	1.2	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Phenanthrene	39.000	D	1.1	20	ug/Kg
P5265-09DL	E28Z4DL	Solid	Pyrene	71.000	D	1.5	20	ug/Kg
Total Svoc :				477.80				
Total Concentration:				477.80				
Client ID :	E28Z5							
P5265-10	E28Z5	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :				0.00				
P5265-10	E28Z5	Solid	1-Methylnaphthalene	5.700		0.65	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-10	E28Z5	Solid	2-Methylnaphthalene	7.400		0.24	4.1	ug/Kg
P5265-10	E28Z5	Solid	Acenaphthene	6.400		0.22	4.1	ug/Kg
P5265-10	E28Z5	Solid	Acenaphthylene	6.300		0.41	4.1	ug/Kg
P5265-10	E28Z5	Solid	Anthracene	20.000		0.21	4.1	ug/Kg
P5265-10	E28Z5	Solid	Benzo(a)anthracene	90.000	E	0.12	4.1	ug/Kg
P5265-10	E28Z5	Solid	Benzo(a)pyrene	87.000	E	0.4	4.1	ug/Kg
P5265-10	E28Z5	Solid	Benzo(b)fluoranthene	120.000	E	0.59	4.1	ug/Kg
P5265-10	E28Z5	Solid	Benzo(g,h,i)perylene	60.000		0.94	4.1	ug/Kg
P5265-10	E28Z5	Solid	Benzo(k)fluoranthene	43.000		0.4	4.1	ug/Kg
P5265-10	E28Z5	Solid	Chrysene	86.000	E	0.31	4.1	ug/Kg
P5265-10	E28Z5	Solid	Dibenzo(a,h)anthracene	14.000		0.59	4.1	ug/Kg
P5265-10	E28Z5	Solid	Fluoranthene	200.000	E	0.22	4.1	ug/Kg
P5265-10	E28Z5	Solid	Fluorene	5.800		0.27	4.1	ug/Kg
P5265-10	E28Z5	Solid	Indeno(1,2,3-cd)pyrene	46.000		0.65	4.1	ug/Kg
P5265-10	E28Z5	Solid	Naphthalene	9.100		0.25	4.1	ug/Kg
P5265-10	E28Z5	Solid	Phenanthrene	80.000	E	0.22	4.1	ug/Kg
P5265-10	E28Z5	Solid	Pyrene	150.000	E	0.3	4.1	ug/Kg
Total Svoc :				1,036.70				
Total Concentration:				1,036.70				

Client ID : E28Z5DL

P5265-10DL	E28Z5DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
Total Tics :				0.00				
P5265-10DL	E28Z5DL	Solid	1-Methylnaphthalene		4.400	JD 3.2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	2-Methylnaphthalene		5.800	JD 1.2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Acenaphthene		5.600	JD 1.1	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Acenaphthylene		6.400	JD 2.1	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Anthracene		17.000	JD 1.1	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Benzo(a)anthracene		71.000	D 0.58	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Benzo(a)pyrene		66.000	D 2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Benzo(b)fluoranthene		91.000	D 2.9	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Benzo(g,h,i)perylene		47.000	D 4.7	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Benzo(k)fluoranthene		32.000	D 2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Chrysene		67.000	D 1.6	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Dibenzo(a,h)anthracene		10.000	JD 2.9	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Fluoranthene		150.000	D 1.1	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Fluorene		4.800	JD 1.4	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Indeno(1,2,3-cd)pyrene		36.000	D 3.2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Naphthalene		7.300	JD 1.2	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Phenanthrene		65.000	D 1.1	21	ug/Kg
P5265-10DL	E28Z5DL	Solid	Pyrene		120.000	D 1.5	21	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	806.30				
			Total Concentration:	806.30				
Client ID :	E28Z6							
P5265-11	E28Z6	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
			Total Tics :	0.00				
P5265-11	E28Z6	Solid	1-Methylnaphthalene		14.000	0.66	4.2	ug/Kg
P5265-11	E28Z6	Solid	2-Methylnaphthalene		17.000	0.24	4.2	ug/Kg
P5265-11	E28Z6	Solid	Acenaphthene		150.000	E 0.23	4.2	ug/Kg
P5265-11	E28Z6	Solid	Acenaphthylene		11.000	0.42	4.2	ug/Kg
P5265-11	E28Z6	Solid	Anthracene		290.000	E 0.21	4.2	ug/Kg
P5265-11	E28Z6	Solid	Benzo(a)anthracene		820.000	E 0.12	4.2	ug/Kg
P5265-11	E28Z6	Solid	Benzo(a)pyrene		410.000	E 0.4	4.2	ug/Kg
P5265-11	E28Z6	Solid	Benzo(b)fluoranthene		890.000	E 0.59	4.2	ug/Kg
P5265-11	E28Z6	Solid	Benzo(g,h,i)perylene		41.000	0.95	4.2	ug/Kg
P5265-11	E28Z6	Solid	Benzo(k)fluoranthene		320.000	E 0.4	4.2	ug/Kg
P5265-11	E28Z6	Solid	Chrysene		680.000	E 0.32	4.2	ug/Kg
P5265-11	E28Z6	Solid	Dibenzo(a,h)anthracene		96.000	E 0.59	4.2	ug/Kg
P5265-11	E28Z6	Solid	Fluoranthene		1,800.000	E 0.23	4.2	ug/Kg
P5265-11	E28Z6	Solid	Fluorene		110.000	E 0.28	4.2	ug/Kg
P5265-11	E28Z6	Solid	Indeno(1,2,3-cd)pyrene		240.000	E 0.66	4.2	ug/Kg
P5265-11	E28Z6	Solid	Naphthalene		40.000	0.25	4.2	ug/Kg
P5265-11	E28Z6	Solid	Phenanthrene		1,100.000	E 0.23	4.2	ug/Kg
P5265-11	E28Z6	Solid	Pyrene		1,200.000	E 0.3	4.2	ug/Kg
			Total Svoc :	8,229.00				
			Total Concentration:	8,229.00				
Client ID :	E28Z6DL							
P5265-11DL	E28Z6DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
			Total Tics :	0.00				
P5265-11DL	E28Z6DL	Solid	1-Methylnaphthalene		11.000	JD 3.3	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	2-Methylnaphthalene		14.000	JD 1.2	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Acenaphthene		130.000	D 1.1	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Acenaphthylene		14.000	JD 2.1	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Anthracene		260.000	D 1.1	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Benzo(a)anthracene		740.000	ED 0.59	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Benzo(a)pyrene		370.000	ED 2	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Benzo(b)fluoranthene		830.000	ED 3	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Benzo(g,h,i)perylene		38.000	D 4.7	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Benzo(k)fluoranthene		280.000	D 2	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Chrysene		600.000	ED 1.6	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Dibenzo(a,h)anthracene		87.000	D 3	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-11DL	E28Z6DL	Solid	Fluoranthene	1,700.000	ED	1.1	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Fluorene	92.000	D	1.4	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Indeno(1,2,3-cd)pyrene	220.000	D	3.3	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Naphthalene	34.000	D	1.3	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Phenanthrene	1,000.000	ED	1.1	21	ug/Kg
P5265-11DL	E28Z6DL	Solid	Pyrene	1,100.000	ED	1.5	21	ug/Kg
Total Svoc :				7,520.00				
Total Concentration:				7,520.00				
Client ID : E28Z7								
P5265-12	E28Z7	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P5265-12	E28Z7	Solid	1-Methylnaphthalene	5.400		0.64	4	ug/Kg
P5265-12	E28Z7	Solid	2-Methylnaphthalene	6.600		0.23	4	ug/Kg
P5265-12	E28Z7	Solid	Benzo(a)anthracene	1.100	J	0.11	4	ug/Kg
P5265-12	E28Z7	Solid	Chrysene	3.900	J	0.31	4	ug/Kg
P5265-12	E28Z7	Solid	Fluoranthene	4.500		0.22	4	ug/Kg
P5265-12	E28Z7	Solid	Fluorene	4.700		0.27	4	ug/Kg
P5265-12	E28Z7	Solid	Naphthalene	1.800	J	0.25	4	ug/Kg
P5265-12	E28Z7	Solid	Phenanthrene	21.000		0.22	4	ug/Kg
P5265-12	E28Z7	Solid	Pyrene	4.500		0.29	4	ug/Kg
Total Svoc :				53.50				
Total Concentration:				53.50				
Client ID : E28Z8								
P5265-13	E28Z8	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
P5265-13	E28Z8	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P5265-13	E28Z8	Solid	1-Methylnaphthalene	25.000		0.63	4	ug/Kg
P5265-13	E28Z8	Solid	2-Methylnaphthalene	32.000		0.23	4	ug/Kg
P5265-13	E28Z8	Solid	Fluoranthene	10.000		0.22	4	ug/Kg
P5265-13	E28Z8	Solid	Fluorene	16.000		0.27	4	ug/Kg
P5265-13	E28Z8	Solid	Naphthalene	8.400		0.24	4	ug/Kg
P5265-13	E28Z8	Solid	Phenanthrene	80.000	E	0.22	4	ug/Kg
P5265-13	E28Z8	Solid	1-Methylnaphthalene	25.000		0.63	4	ug/Kg
P5265-13	E28Z8	Solid	2-Methylnaphthalene	32.000		0.23	4	ug/Kg
P5265-13	E28Z8	Solid	Acenaphthene	1.900	J	0.22	4	ug/Kg
P5265-13	E28Z8	Solid	Acenaphthylene	2.800	J	0.4	4	ug/Kg
P5265-13	E28Z8	Solid	Benzo(a)anthracene	1.800	J	0.11	4	ug/Kg
P5265-13	E28Z8	Solid	Benzo(g,h,i)perylene	1.500	J	0.91	4	ug/Kg
P5265-13	E28Z8	Solid	Chrysene	9.200		0.3	4	ug/Kg
P5265-13	E28Z8	Solid	Fluoranthene	10.000		0.22	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-13	E28Z8	Solid	Fluorene	16.000		0.27	4	ug/Kg
P5265-13	E28Z8	Solid	Naphthalene	8.400		0.24	4	ug/Kg
P5265-13	E28Z8	Solid	Phenanthrene	78.000	E	0.22	4	ug/Kg
P5265-13	E28Z8	Solid	Pyrene	16.000		0.29	4	ug/Kg
Total Svoc :				374.00				
Total Concentration:				374.00				
Client ID : E28Z8DL								
P5265-13DL	E28Z8DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P5265-13DL	E28Z8DL	Solid	1-Methylnaphthalene	21.000	D	3.2	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	2-Methylnaphthalene	27.000	D	1.2	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Chrysene	11.000	JD	1.5	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Fluoranthene	11.000	JD	1.1	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Fluorene	16.000	JD	1.3	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Naphthalene	7.500	JD	1.2	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Phenanthrene	71.000	D	1.1	20	ug/Kg
P5265-13DL	E28Z8DL	Solid	Pyrene	15.000	JD	1.5	20	ug/Kg
Total Svoc :				179.50				
Total Concentration:				179.50				
Client ID : E28Z9								
P5265-14	E28Z9	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
P5265-14	E28Z9	Solid	1-Methylnaphthalene	20.000		0.59	3.8	ug/Kg
P5265-14	E28Z9	Solid	2-Methylnaphthalene	20.000		0.22	3.8	ug/Kg
P5265-14	E28Z9	Solid	Acenaphthene	2.700	J	0.2	3.8	ug/Kg
P5265-14	E28Z9	Solid	Acenaphthylene	3.900		0.38	3.8	ug/Kg
P5265-14	E28Z9	Solid	Benzo(a)anthracene	3.300	J	0.11	3.8	ug/Kg
P5265-14	E28Z9	Solid	Benzo(g,h,i)perylene	4.700		0.85	3.8	ug/Kg
P5265-14	E28Z9	Solid	Chrysene	26.000		0.28	3.8	ug/Kg
P5265-14	E28Z9	Solid	Fluoranthene	19.000		0.2	3.8	ug/Kg
P5265-14	E28Z9	Solid	Fluorene	14.000		0.25	3.8	ug/Kg
P5265-14	E28Z9	Solid	Naphthalene	5.100		0.23	3.8	ug/Kg
P5265-14	E28Z9	Solid	Phenanthrene	81.000	E	0.2	3.8	ug/Kg
P5265-14	E28Z9	Solid	Pyrene	32.000		0.27	3.8	ug/Kg
Total Svoc :				231.70				
Total Concentration:				231.70				
Client ID : E28Z9DL								
P5265-14DL	E28Z9DL	Solid	Total Alkanes	*	0.000	D 5.1	38	ug/Kg
Total Tics :				0.00				

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-14DL	E28Z9DL	Solid	1-Methylnaphthalene	18.000	JD	3	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	2-Methylnaphthalene	17.000	JD	1.1	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Acenaphthylene	4.900	JD	1.9	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Benzo(a)anthracene	4.200	JD	0.53	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Benzo(g,h,i)perylene	4.700	JD	4.3	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Chrysene	23.000	D	1.4	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Fluoranthene	16.000	JD	1	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Fluorene	16.000	JD	1.3	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Naphthalene	4.700	JD	1.1	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Phenanthrene	81.000	D	1	19	ug/Kg
P5265-14DL	E28Z9DL	Solid	Pyrene	27.000	D	1.4	19	ug/Kg

Total Svoc :

216.50

Total Concentration:

216.50

Client ID : E28Z9RE

P5265-14RE	E28Z9RE	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
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Total Tics :

0.00

P5265-14RE	E28Z9RE	Solid	1-Methylnaphthalene	20.000	0.59	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	2-Methylnaphthalene	20.000	0.22	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Acenaphthene	2.400 J	0.2	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Acenaphthylene	3.600 J	0.38	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Benzo(a)anthracene	3.600 J	0.11	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Benzo(g,h,i)perylene	5.100	0.85	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Chrysene	27.000	0.28	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Fluoranthene	21.000	0.2	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Fluorene	15.000	0.25	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Naphthalene	5.000	0.23	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Phenanthrene	82.000 E	0.2	3.8	ug/Kg
P5265-14RE	E28Z9RE	Solid	Pyrene	35.000	0.27	3.8	ug/Kg

Total Svoc :

239.70

Total Concentration:

239.70

Client ID : E2900

P5265-15	E2900	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
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Total Tics :

0.00

P5265-15	E2900	Solid	1-Methylnaphthalene	1.600	J	0.61	3.9	ug/Kg
P5265-15	E2900	Solid	2-Methylnaphthalene	2.200	J	0.22	3.9	ug/Kg
P5265-15	E2900	Solid	Anthracene	1.400	J	0.2	3.9	ug/Kg
P5265-15	E2900	Solid	Benzo(a)anthracene	7.200		0.11	3.9	ug/Kg
P5265-15	E2900	Solid	Benzo(a)pyrene	8.200		0.38	3.9	ug/Kg
P5265-15	E2900	Solid	Benzo(b)fluoranthene	13.000		0.55	3.9	ug/Kg
P5265-15	E2900	Solid	Benzo(g,h,i)perylene	7.700		0.88	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-15	E2900	Solid	Benzo(k)fluoranthene	4.300		0.38	3.9	ug/Kg
P5265-15	E2900	Solid	Chrysene	8.700		0.29	3.9	ug/Kg
P5265-15	E2900	Solid	Dibenzo(a,h)anthracene	1.500	J	0.55	3.9	ug/Kg
P5265-15	E2900	Solid	Fluoranthene	19.000		0.21	3.9	ug/Kg
P5265-15	E2900	Solid	Indeno(1,2,3-cd)pyrene	5.200		0.61	3.9	ug/Kg
P5265-15	E2900	Solid	Naphthalene	1.900	J	0.23	3.9	ug/Kg
P5265-15	E2900	Solid	Phenanthrene	11.000		0.21	3.9	ug/Kg
P5265-15	E2900	Solid	Pyrene	16.000		0.28	3.9	ug/Kg
Total Svoc :				108.90				
Total Concentration:				108.90				
Client ID : E2901								
P5265-16	E2901	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P5265-16	E2901	Solid	1-Methylnaphthalene	2.600	J	0.63	4	ug/Kg
P5265-16	E2901	Solid	2-Methylnaphthalene	2.800	J	0.23	4	ug/Kg
P5265-16	E2901	Solid	Acenaphthene	2.600	J	0.22	4	ug/Kg
P5265-16	E2901	Solid	Acenaphthylene	1.400	J	0.4	4	ug/Kg
P5265-16	E2901	Solid	Anthracene	9.100		0.21	4	ug/Kg
P5265-16	E2901	Solid	Benzo(a)anthracene	37.000		0.11	4	ug/Kg
P5265-16	E2901	Solid	Benzo(a)pyrene	34.000		0.39	4	ug/Kg
P5265-16	E2901	Solid	Benzo(b)fluoranthene	51.000		0.57	4	ug/Kg
P5265-16	E2901	Solid	Benzo(g,h,i)perylene	26.000		0.91	4	ug/Kg
P5265-16	E2901	Solid	Benzo(k)fluoranthene	17.000		0.39	4	ug/Kg
P5265-16	E2901	Solid	Chrysene	35.000		0.3	4	ug/Kg
P5265-16	E2901	Solid	Dibenzo(a,h)anthracene	5.200		0.57	4	ug/Kg
P5265-16	E2901	Solid	Fluoranthene	100.000	E	0.22	4	ug/Kg
P5265-16	E2901	Solid	Fluorene	1.900	J	0.27	4	ug/Kg
P5265-16	E2901	Solid	Indeno(1,2,3-cd)pyrene	19.000		0.63	4	ug/Kg
P5265-16	E2901	Solid	Naphthalene	3.900	J	0.24	4	ug/Kg
P5265-16	E2901	Solid	Phenanthrene	68.000	E	0.22	4	ug/Kg
P5265-16	E2901	Solid	Pyrene	77.000	E	0.29	4	ug/Kg
Total Svoc :				493.50				
Total Concentration:				493.50				
Client ID : E2901DL								
P5265-16DL	E2901DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P5265-16DL	E2901DL	Solid	Anthracene	8.300	JD	1	20	ug/Kg
P5265-16DL	E2901DL	Solid	Benzo(a)anthracene	30.000	D	0.57	20	ug/Kg
P5265-16DL	E2901DL	Solid	Benzo(a)pyrene	26.000	D	1.9	20	ug/Kg
P5265-16DL	E2901DL	Solid	Benzo(b)fluoranthene	38.000	D	2.9	20	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-16DL	E2901DL	Solid	Benzo(g,h,i)perylene	20.000	D	4.6	20	ug/Kg
P5265-16DL	E2901DL	Solid	Benzo(k)fluoranthene	15.000	JD	1.9	20	ug/Kg
P5265-16DL	E2901DL	Solid	Chrysene	31.000	D	1.5	20	ug/Kg
P5265-16DL	E2901DL	Solid	Dibenzo(a,h)anthracene	4.100	JD	2.9	20	ug/Kg
P5265-16DL	E2901DL	Solid	Fluoranthene	87.000	D	1.1	20	ug/Kg
P5265-16DL	E2901DL	Solid	Indeno(1,2,3-cd)pyrene	15.000	JD	3.2	20	ug/Kg
P5265-16DL	E2901DL	Solid	Phenanthrene	59.000	D	1.1	20	ug/Kg
P5265-16DL	E2901DL	Solid	Pyrene	69.000	D	1.5	20	ug/Kg
Total Svoc :				402.40				
Total Concentration:				402.40				

Client ID : E2902

P5265-17	E2902	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P5265-17	E2902	Solid	1-Methylnaphthalene		9.700	0.63	4	ug/Kg
P5265-17	E2902	Solid	2-Methylnaphthalene		15.000	0.23	4	ug/Kg
P5265-17	E2902	Solid	Acenaphthene		48.000	0.22	4	ug/Kg
P5265-17	E2902	Solid	Acenaphthylene		3.300	J 0.4	4	ug/Kg
P5265-17	E2902	Solid	Anthracene		110.000	E 0.21	4	ug/Kg
P5265-17	E2902	Solid	Benzo(a)anthracene		160.000	E 0.11	4	ug/Kg
P5265-17	E2902	Solid	Benzo(a)pyrene		130.000	E 0.39	4	ug/Kg
P5265-17	E2902	Solid	Benzo(b)fluoranthene		160.000	E 0.57	4	ug/Kg
P5265-17	E2902	Solid	Benzo(g,h,i)perylene		71.000	E 0.91	4	ug/Kg
P5265-17	E2902	Solid	Benzo(k)fluoranthene		57.000	0.39	4	ug/Kg
P5265-17	E2902	Solid	Chrysene		130.000	E 0.3	4	ug/Kg
P5265-17	E2902	Solid	Dibenzo(a,h)anthracene		18.000	0.57	4	ug/Kg
P5265-17	E2902	Solid	Fluoranthene		410.000	E 0.22	4	ug/Kg
P5265-17	E2902	Solid	Fluorene		56.000	0.27	4	ug/Kg
P5265-17	E2902	Solid	Indeno(1,2,3-cd)pyrene		61.000	0.63	4	ug/Kg
P5265-17	E2902	Solid	Naphthalene		35.000	0.24	4	ug/Kg
P5265-17	E2902	Solid	Phenanthrene		380.000	E 0.22	4	ug/Kg
P5265-17	E2902	Solid	Pyrene		300.000	E 0.29	4	ug/Kg
Total Svoc :				2,154.00				
Total Concentration:				2,154.00				

Client ID : E2902DL

P5265-17DL	E2902DL	Solid	Total Alkanes	*	0.000	D 5.4	40	ug/Kg
Total Tics :				0.00				
P5265-17DL	E2902DL	Solid	1-Methylnaphthalene		9.300	JD 3.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	2-Methylnaphthalene		15.000	JD 1.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Acenaphthene		47.000	D 1.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Acenaphthylene		5.000	JD 2	20	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM122024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-17DL	E2902DL	Solid	Anthracene	110.000	D	1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Benzo(a)anthracene	160.000	D	0.56	20	ug/Kg
P5265-17DL	E2902DL	Solid	Benzo(a)pyrene	130.000	D	1.9	20	ug/Kg
P5265-17DL	E2902DL	Solid	Benzo(b)fluoranthene	170.000	D	2.8	20	ug/Kg
P5265-17DL	E2902DL	Solid	Benzo(g,h,i)perylene	74.000	D	4.5	20	ug/Kg
P5265-17DL	E2902DL	Solid	Benzo(k)fluoranthene	63.000	D	1.9	20	ug/Kg
P5265-17DL	E2902DL	Solid	Chrysene	130.000	D	1.5	20	ug/Kg
P5265-17DL	E2902DL	Solid	Dibenzo(a,h)anthracene	18.000	JD	2.8	20	ug/Kg
P5265-17DL	E2902DL	Solid	Fluoranthene	400.000	ED	1.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Fluorene	53.000	D	1.3	20	ug/Kg
P5265-17DL	E2902DL	Solid	Indeno(1,2,3-cd)pyrene	62.000	D	3.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Naphthalene	34.000	D	1.2	20	ug/Kg
P5265-17DL	E2902DL	Solid	Phenanthrene	390.000	ED	1.1	20	ug/Kg
P5265-17DL	E2902DL	Solid	Pyrene	300.000	D	1.4	20	ug/Kg
Total Svoc :				2,170.30				
Total Concentration:				2,170.30				
Client ID :	SP6698							
SP6698	SP6698	Water	Total Alkanes	*	0.000	29	200	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015

Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049046.D

Time Analyzed: 10:51

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	SBLK708	5287	7.56	15023	10.32	7942	14.20
02	E28Y7	4877	7.56	13983	10.32	7604	14.20
03	E28Y8	6635	7.56	19933	10.32	11031	14.20
04	E28Z1	6472	7.56	19506	10.32	10830	14.20
05	E28Z2	6346	7.56	19634	10.33	10852	14.20
06	E28Z4	6831	7.56	21121	10.32	11912	14.20
07	E28Z8	7038	7.56	21889	10.32	15722	14.20
08	E28Z9	8189	7.56	25525	10.32	19961 *	14.20
09	SBLK708	10540 *	7.56	32600 *	10.32	18339 *	14.20
10	E28Y9	7891	7.56	24685	10.32	13692	14.20
11	E28Y9MS	6626	7.56	21164	10.33	12271	14.20
12	E28Y9MSD	7459	7.56	23251	10.32	13569	14.20
13	E28Y7DL	7744	7.56	22912	10.32	13076	14.20
14	E28Y8	8507	7.56	26152	10.32	14791	14.20
15	E28Y8DL	8973	7.56	27429	10.32	15513	14.20
16	E28Z1	9512	7.56	29566 *	10.32	16786 *	14.20
17	E28Z1DL	8982	7.56	27472	10.32	15774	14.20
18	E28Z2	9103	7.56	28072	10.32	15741	14.20
19	E28Z2DL	9476	7.56	28927 *	10.33	16422 *	14.20
20	E28Z4	7949	7.56	24293	10.32	13693	14.20
21	E28Z4DL	8397	7.56	25152	10.32	14118	14.20
22	E28Z8	9028	7.56	28238	10.32	20103 *	14.20
23	E28Z8DL	9848 *	7.56	30853 *	10.32	19008 *	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 03:02

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	SBLK708	27 *	7.56	189 *	10.32	533 *	14.20
25	E28Z9RE	10466 *	7.56	32485 *	10.32	26387 *	14.20
26	E28Z9DL	11100 *	7.56	34512 *	10.32	21398 *	14.20
27	E28Z5	8234	7.56	26661	10.32	15861	14.20
28	E28Z5DL	11931 *	7.56	38631 *	10.32	22357 *	14.20
29	E28Z6	9379	7.56	29641 *	10.32	17251 *	14.20
30	E28Z6DL	10831 *	7.56	34611 *	10.32	20127 *	14.20
31	E28Z3	8194	7.56	24862	10.32	13568	14.19
32	E28Z3DL	10459 *	7.56	31264 *	10.32	18045 *	14.20
33	E2902	10336 *	7.56	32629 *	10.32	18549 *	14.19
34	E2902DL	10738 *	7.56	33671 *	10.32	19439 *	14.19
35	E2901	8487	7.56	26860	10.32	15178	14.20
36	E2901DL	10076 *	7.56	31051 *	10.32	17959 *	14.19
37	E28Z0	9470	7.56	29513 *	10.32	16390 *	14.19
38	E28Y6	8774	7.56	27291	10.32	15137	14.20
39	E28Z7	9259	7.56	28418	10.32	17037 *	14.19
40	E2900	10288 *	7.56	32562 *	10.32	18394 *	14.19
41	SLCS708	10029 *	7.56	32204 *	10.32	19025 *	14.19
42	SP6698	6514	7.57	19671	10.32	10675	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 15:01

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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.						

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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4118 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049093.D Time Analyzed: 10:51

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	3134	7.565	8844	10.33	4874	14.20
UPPER LIMIT	6268	8.065	17688	10.825	9748	14.7
LOWER LIMIT	1567	7.065	4422	9.825	2437	13.7
EPA SAMPLE NO.						
01 SBLK708	5287	7.56	15023	10.32	7942	14.20
02 E28Y7	4877	7.56	13983	10.32	7604	14.20
03 E28Y8	6635 *	7.56	19933 *	10.32	11031 *	14.20
04 E28Z1	6472 *	7.56	19506 *	10.32	10830 *	14.20
05 E28Z2	6346 *	7.56	19634 *	10.33	10852 *	14.20
06 E28Z4	6831 *	7.56	21121 *	10.32	11912 *	14.20
07 E28Z8	7038 *	7.56	21889 *	10.32	15722 *	14.20
08 E28Z9	8189 *	7.56	25525 *	10.32	19961 *	14.20

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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4119 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049102.D Time Analyzed: 16:49

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	7133	7.56	21915	10.32	13543	14.20
UPPER LIMIT	14266	8.06	43830	10.82	27086	14.697
LOWER LIMIT	3566.5	7.06	10957.5	9.82	6771.5	13.697
EPA SAMPLE NO.						
01 SBLK708	10540	7.56	32600	10.32	18339	14.20
02 E28Y9	7891	7.56	24685	10.32	13692	14.20
03 E28Y9MS	6626	7.56	21164	10.33	12271	14.20
04 E28Y9MSD	7459	7.56	23251	10.32	13569	14.20
05 E28Y7DL	7744	7.56	22912	10.32	13076	14.20
06 E28Y8	8507	7.56	26152	10.32	14791	14.20
07 E28Y8DL	8973	7.56	27429	10.32	15513	14.20
08 E28Z1	9512	7.56	29566	10.32	16786	14.20
09 E28Z1DL	8982	7.56	27472	10.32	15774	14.20
10 E28Z2	9103	7.56	28072	10.32	15741	14.20
11 E28Z2DL	9476	7.56	28927	10.33	16422	14.20
12 E28Z4	7949	7.56	24293	10.32	13693	14.20
13 E28Z4DL	8397	7.56	25152	10.32	14118	14.20
14 E28Z8	9028	7.56	28238	10.32	20103	14.20
15 E28Z8DL	9848	7.56	30853	10.32	19008	14.20

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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4120

Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049118.D

Time Analyzed: 03:02

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	6498	7.56	20291	10.32	11931	14.20
	UPPER LIMIT	12996	8.06	40582	10.821	23862	14.697
	LOWER LIMIT	3249	7.06	10145.5	9.821	5965.5	13.697
	EPA SAMPLE NO.						
01	SBLK708	27 *	7.56	189 *	10.32	533 *	14.20
02	E28Z9RE	10466	7.56	32485	10.32	26387 *	14.20
03	E28Z9DL	11100	7.56	34512	10.32	21398	14.20
04	E28Z5	8234	7.56	26661	10.32	15861	14.20
05	E28Z5DL	11931	7.56	38631	10.32	22357	14.20
06	E28Z6	9379	7.56	29641	10.32	17251	14.20
07	E28Z6DL	10831	7.56	34611	10.32	20127	14.20
08	E28Z3	8194	7.56	24862	10.32	13568	14.19
09	E28Z3DL	10459	7.56	31264	10.32	18045	14.20
10	E2902	10336	7.56	32629	10.32	18549	14.19
11	E2902DL	10738	7.56	33671	10.32	19439	14.19
12	E2901	8487	7.56	26860	10.32	15178	14.20
13	E2901DL	10076	7.56	31051	10.32	17959	14.19
14	E28Z0	9470	7.56	29513	10.32	16390	14.19
15	E28Y6	8774	7.56	27291	10.32	15137	14.20
16	E28Z7	9259	7.56	28418	10.32	17037	14.19
17	E2900	10288	7.56	32562	10.32	18394	14.19
18	SLCS708	10029	7.56	32204	10.32	19025	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4120 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049118.D Time Analyzed: 13:13

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	6498	7.56	20291	10.32	11931	14.20
UPPER LIMIT	12996	8.06	40582	10.821	23862	14.697
LOWER LIMIT	3249	7.06	10145.5	9.821	5965.5	13.697
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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4121 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049137.D Time Analyzed: 15:01

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	7919	7.56	25020	10.32	14410	14.19
UPPER LIMIT	15838	8.06	50040	10.82	28820	14.692
LOWER LIMIT	3959.5	7.06	12510	9.82	7205	13.692
EPA SAMPLE NO.						
01 SP6698	6514	7.57	19671	10.32	10675	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 10:51

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	SBLK708	17004	16.94	11362	21.15	11143	23.30
02	E28Y7	16994	16.94	13681	21.14	13651	23.30
03	E28Y8	25026	16.94	17513	21.14	18304	23.30
04	E28Z1	24551	16.95	17539	21.14	17992	23.30
05	E28Z2	24150	16.95	18849	21.15	18570	23.30
06	E28Z4	26183	16.94	19930	21.14	19329	23.30
07	E28Z8	29375	16.95	23811	21.15	25942	23.31
08	E28Z9	32439	16.95	26055	21.16	28482	23.33
09	SBLK708	39071 *	16.95	31444 *	21.15	31938	23.31
10	E28Y9	29641	16.95	23989	21.14	24775	23.30
11	E28Y9MS	25713	16.95	21566	21.15	22974	23.31
12	E28Y9MSD	28450	16.94	23756	21.15	25782	23.30
13	E28Y7DL	26517	16.94	22815	21.15	25151	23.30
14	E28Y8	33684	16.94	24250	21.15	27411	23.30
15	E28Y8DL	32549	16.94	26801	21.15	29042	23.31
16	E28Z1	37786 *	16.94	28692	21.15	31113	23.30
17	E28Z1DL	33032	16.94	27630	21.15	29505	23.31
18	E28Z2	34557 *	16.95	29142	21.15	30681	23.31
19	E28Z2DL	33848	16.95	28760	21.15	31673	23.30
20	E28Z4	29745	16.94	25134	21.15	28013	23.30
21	E28Z4DL	28611	16.95	25708	21.15	29842	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 00:38

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	E28Z8	38236 *	16.95	31160 *	21.15	34184	23.31
23	E28Z8DL	39767 *	16.94	31863 *	21.15	35949 *	23.31
24	SBLK708	1.92107*	17.04	8 *	21.22	0 *	0.00
25	E28Z9RE	44699 *	16.95	32208 *	21.16	37960 *	23.34
26	E28Z9DL	42942 *	16.95	38397 *	21.15	44553 *	23.31
27	E28Z5	34429 *	16.94	27483	21.14	28609	23.30
28	E28Z5DL	46503 *	16.94	39421 *	21.14	42655 *	23.30
29	E28Z6	37952 *	16.94	29307	21.15	33534	23.30
30	E28Z6DL	42506 *	16.94	32939 *	21.14	36025 *	23.30
31	E28Z3	29040	16.94	26236	21.14	31161	23.30
32	E28Z3DL	36594 *	16.94	30791 *	21.14	33339	23.30
33	E2902	41519 *	16.94	32067 *	21.14	36713 *	23.30
34	E2902DL	40786 *	16.94	33565 *	21.14	35472 *	23.30
35	E2901	33342	16.94	27457	21.14	26910	23.30
36	E2901DL	36925 *	16.94	31042 *	21.14	33233	23.30
37	E28Z0	35661 *	16.94	29476	21.14	29726	23.30
38	E28Y6	32525	16.94	26686	21.14	26396	23.30
39	E28Z7	36858 *	16.94	31420 *	21.14	35693 *	23.30
40	E2900	39950 *	16.94	32604 *	21.14	32036	23.30
41	SLCS708	38319 *	16.94	30497 *	21.14	32690	23.30
42	SP6698	21351	16.94	14470	21.15	14970	23.30

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 15:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	17209	16.95	14990	21.14€	17133	23.306
UPPER LIMIT	34418	17.45	29980	21.64€	34266	23.806
LOWER LIMIT	8604.5	16.45	7495	20.64€	8566.5	22.806
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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4118 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049093.D Time Analyzed: 10:51

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	10212	16.95	7224	21.146	8054	23.303
UPPER LIMIT	20424	17.45	14448	21.646	16108	23.803
LOWER LIMIT	5106	16.45	3612	20.646	4027	22.803
EPA SAMPLE NO.						
01 SBLK708	17004	16.94	11362	21.15	11143	23.30
02 E28Y7	16994	16.94	13681	21.14	13651	23.30
03 E28Y8	25026 *	16.94	17513 *	21.14	18304 *	23.30
04 E28Z1	24551 *	16.95	17539 *	21.14	17992 *	23.30
05 E28Z2	24150 *	16.95	18849 *	21.15	18570 *	23.30
06 E28Z4	26183 *	16.94	19930 *	21.14	19329 *	23.30
07 E28Z8	29375 *	16.95	23811 *	21.15	25942 *	23.31
08 E28Z9	32439 *	16.95	26055 *	21.16	28482 *	23.33

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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4119 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049102.D Time Analyzed: 16:49

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	28304	16.947	24068	21.149	26135	23.308
	UPPER LIMIT	56608	17.447	48136	21.649	52270	23.808
	LOWER LIMIT	14152	16.447	12034	20.649	13067.5	22.808
	EPA SAMPLE NO.						
01	SBLK708	39071	16.95	31444	21.15	31938	23.31
02	E28Y9	29641	16.95	23989	21.14	24775	23.30
03	E28Y9MS	25713	16.95	21566	21.15	22974	23.31
04	E28Y9MSD	28450	16.94	23756	21.15	25782	23.30
05	E28Y7DL	26517	16.94	22815	21.15	25151	23.30
06	E28Y8	33684	16.94	24250	21.15	27411	23.30
07	E28Y8DL	32549	16.94	26801	21.15	29042	23.31
08	E28Z1	37786	16.94	28692	21.15	31113	23.30
09	E28Z1DL	33032	16.94	27630	21.15	29505	23.31
10	E28Z2	34557	16.95	29142	21.15	30681	23.31
11	E28Z2DL	33848	16.95	28760	21.15	31673	23.30
12	E28Z4	29745	16.94	25134	21.15	28013	23.30
13	E28Z4DL	28611	16.95	25708	21.15	29842	23.31
14	E28Z8	38236	16.95	31160	21.15	34184	23.31
15	E28Z8DL	39767	16.94	31863	21.15	35949	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4119 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049102.D Time Analyzed: 01:14

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	28304	16.947	24068	21.149	26135	23.308
UPPER LIMIT	56608	17.447	48136	21.649	52270	23.808
LOWER LIMIT	14152	16.447	12034	20.649	13067.5	22.808
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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4120 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049118.D Time Analyzed: 03:02

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	23631	16.947	20023	21.143	21938	23.302
	UPPER LIMIT	47262	17.447	40046	21.643	43876	23.802
	LOWER LIMIT	11815.5	16.447	10011.5	20.643	10969	22.802
	EPA SAMPLE NO.						
01	SBLK708	1.92107*	17.04	8 *	21.22	0 *	0.00 *
02	E28Z9RE	44699	16.95	32208	21.16	37960	23.34
03	E28Z9DL	42942	16.95	38397	21.15	44553 *	23.31
04	E28Z5	34429	16.94	27483	21.14	28609	23.30
05	E28Z5DL	46503	16.94	39421	21.14	42655	23.30
06	E28Z6	37952	16.94	29307	21.15	33534	23.30
07	E28Z6DL	42506	16.94	32939	21.14	36025	23.30
08	E28Z3	29040	16.94	26236	21.14	31161	23.30
09	E28Z3DL	36594	16.94	30791	21.14	33339	23.30
10	E2902	41519	16.94	32067	21.14	36713	23.30
11	E2902DL	40786	16.94	33565	21.14	35472	23.30
12	E2901	33342	16.94	27457	21.14	26910	23.30
13	E2901DL	36925	16.94	31042	21.14	33233	23.30
14	E28Z0	35661	16.94	29476	21.14	29726	23.30
15	E28Y6	32525	16.94	26686	21.14	26396	23.30
16	E28Z7	36858	16.94	31420	21.14	35693	23.30
17	E2900	39950	16.94	32604	21.14	32036	23.30
18	SLCS708	38319	16.94	30497	21.14	32690	23.30

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4120 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049118.D Time Analyzed: 13:13

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	23631	16.947	20023	21.143	21938	23.302
UPPER LIMIT	47262	17.447	40046	21.643	43876	23.802
LOWER LIMIT	11815.5	16.447	10011.5	20.643	10969	22.802
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.: BM122024 SAS No.: BM122024 SDG NO.: BM122024

EPA Sample No.: SSTD0.4121 Date Analyzed: Dec 21 2024 12:00AM

Lab File ID: BM049137.D Time Analyzed: 15:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	29057	16.943	23212	21.143	24766	23.299
UPPER LIMIT	58114	17.443	46424	21.643	49532	23.799
LOWER LIMIT	14528.5	16.443	11606	20.643	12383	22.799
EPA SAMPLE NO.						
01 SP6698	21351	16.94	14470	21.15	14970	23.30

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.: BM122024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165708BS	1,4-Dioxane	66.7	49	ug/Kg	73				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	19	ug/Kg	71				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0		
	Chrysene	13.3	12	ug/Kg	90				0	0		
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	11	ug/Kg	83				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6698

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122024

SAS No.: BM122024 SDG NO.: BM122024

Lab File ID: BM049138.D

Lab Sample ID: SP6698

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 12/21/2024

Level: (low/med) LOW

Time Analyzed: 15:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6698	SP6698	BM049138.D	12/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK708

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM122024

SAS No.: BM122024 SDG NO.: BM122024

Lab File ID: BM049119.D

Lab Sample ID: PB165708BL

Instrument ID: BNA_M

Date Extracted: 12/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/21/2024

Level: (low/med) LOW

Time Analyzed: 03:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28Y9	P5265-04	BM049104.D	12/20/2024
E28Y9MS	P5265-20MS	BM049105.D	12/20/2024
E28Y9MSD	P5265-21MSD	BM049106.D	12/20/2024
E28Y8	P5265-03	BM049108.D	12/20/2024
E28Z1	P5265-06	BM049110.D	12/20/2024
E28Z2	P5265-07	BM049112.D	12/20/2024
E28Z4	P5265-09	BM049114.D	12/20/2024
E28Z8	P5265-13	BM049116.D	12/21/2024
E28Y7	P5265-02	BM049095.D	12/20/2024
E28Y8	P5265-03	BM049096.D	12/20/2024
E28Z1	P5265-06	BM049097.D	12/20/2024
E28Z2	P5265-07	BM049098.D	12/20/2024
E28Z4	P5265-09	BM049099.D	12/20/2024
E28Z8	P5265-13	BM049100.D	12/20/2024
E28Z9	P5265-14	BM049101.D	12/20/2024
E28Z5	P5265-10	BM049122.D	12/21/2024
E28Z6	P5265-11	BM049124.D	12/21/2024
E28Z3	P5265-08	BM049126.D	12/21/2024
E2902	P5265-17	BM049128.D	12/21/2024
E2901	P5265-16	BM049130.D	12/21/2024
E28Z0	P5265-05	BM049132.D	12/21/2024
E28Y6	P5265-01	BM049133.D	12/21/2024
E28Z7	P5265-12	BM049134.D	12/21/2024
E2900	P5265-15	BM049135.D	12/21/2024
PB165708BS	PB165708BS	BM049136.D	12/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5265-20MS	Client Sample ID:	E28Y9MS					DataFile:	BM049105.D		
1,4-Dioxane	83.4		37	ug/Kg	44				15	120	
Naphthalene	16.7	2.5	10	ug/Kg	45				0	0	
1-Methylnaphthalene	16.7	2.3	11	ug/Kg	52				0	0	
2-Methylnaphthalene	16.7	3.3	12	ug/Kg	52				0	0	
Acenaphthylene	16.7	1.7	15	ug/Kg	80				0	0	
Acenaphthene	16.7	2.8	12	ug/Kg	55				31	137	
Fluorene	16.7	2.1	13	ug/Kg	65				0	0	
Pentachlorophenol	33.4		16	ug/Kg	48				17	109	
Phenanthrene	16.7	31	61	ug/Kg	180				0	0	
Anthracene	16.7	7.3	21	ug/Kg	82				0	0	
Fluoranthene	16.7	68	86	ug/Kg	108				0	0	
Pyrene	16.7	54	69	ug/Kg	90				35	142	
Benzo(a)anthracene	16.7	31	45	ug/Kg	84				0	0	
Chrysene	16.7	30	40	ug/Kg	60				0	0	
Benzo(b)fluoranthene	16.7	45	51	ug/Kg	36				0	0	
Benzo(k)fluoranthene	16.7	16	23	ug/Kg	42				0	0	
Benzo(a)pyrene	16.7	32	38	ug/Kg	36				0	0	
Indeno(1,2,3-cd)pyrene	16.7	18	24	ug/Kg	36				0	0	
Dibenzo(a,h)anthracene	16.7	5.5	16	ug/Kg	63				0	0	
Benzo(g,h,i)perylene	16.7	24	28	ug/Kg	24				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM122024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5265-21MSD	Client Sample ID:	E28Y9MSD					DataFile:	BM049106.D		
1,4-Dioxane	83.3		34	ug/Kg	41		7		15	120	50
Naphthalene	16.7	2.5	10	ug/Kg	45		0		0	0	0
1-Methylnaphthalene	16.7	2.3	11	ug/Kg	52		0		0	0	0
2-Methylnaphthalene	16.7	3.3	12	ug/Kg	52		0		0	0	0
Acenaphthylene	16.7	1.7	14	ug/Kg	74		8	*	0	0	0
Acenaphthene	16.7	2.8	11	ug/Kg	49		12		31	137	19
Fluorene	16.7	2.1	12	ug/Kg	59		10	*	0	0	0
Pentachlorophenol	33.3		16	ug/Kg	48		0		17	109	47
Phenanthrene	16.7	31	59	ug/Kg	168		7	*	0	0	0
Anthracene	16.7	7.3	20	ug/Kg	76		8	*	0	0	0
Fluoranthene	16.7	68	84	ug/Kg	96		12	*	0	0	0
Pyrene	16.7	54	68	ug/Kg	84		7		35	142	36
Benzo(a)anthracene	16.7	31	44	ug/Kg	78		7	*	0	0	0
Chrysene	16.7	30	39	ug/Kg	54		11	*	0	0	0
Benzo(b)fluoranthene	16.7	45	47	ug/Kg	12		100	*	0	0	0
Benzo(k)fluoranthene	16.7	16	24	ug/Kg	48		13	*	0	0	0
Benzo(a)pyrene	16.7	32	37	ug/Kg	30		18	*	0	0	0
Indeno(1,2,3-cd)pyrene	16.7	18	24	ug/Kg	36		0		0	0	0
Dibenzo(a,h)anthracene	16.7	5.5	15	ug/Kg	57		10	*	0	0	0
Benzo(g,h,i)perylene	16.7	24	27	ug/Kg	18		29	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BM122024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6698	SP6698	BM049138.D	1,4-Dioxane-d8	8	14,594.00	182425	*	15	120
			Fluoranthene-d10	0.4	900.00	225000	*	30	130
			2-Methylnaphthalene-d10	0.4	840.00	210000	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM122024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-01	E28Y6	BM049133.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Fluoranthene-d10	0.4	0.14	36		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P5265-02	E28Y7	BM049095.D	1,4-Dioxane-d8	8	2.93	37		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5265-02DL	E28Y7DL	BM049107.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P5265-03	E28Y8	BM049108.D	1,4-Dioxane-d8	8	4.42	55		15	120
			1,4-Dioxane-d8	8	4.30	54		15	120
		BM049096.D	Fluoranthene-d10	0.4	0.29	72		30	130
			Fluoranthene-d10	0.4	0.29	72		30	130
		BM049108.D	2-Methylnaphthalene-d10	0.4	0.29	73		20	140
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P5265-03DL	E28Y8DL	BM049109.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P5265-04	E28Y9	BM049104.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P5265-05	E28Z0	BM049132.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Fluoranthene-d10	0.4	0.12	31		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5265-06	E28Z1	BM049097.D	1,4-Dioxane-d8	8	4.43	55		15	120
			1,4-Dioxane-d8	8	4.57	57		15	120
		BM049110.D	Fluoranthene-d10	0.4	0.22	56		30	130
			Fluoranthene-d10	0.4	0.23	56		30	130
		BM049097.D	2-Methylnaphthalene-d10	0.4	0.27	66		20	140
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P5265-06DL	E28Z1DL	BM049111.D	1,4-Dioxane-d8	8	3.88	48		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P5265-07	E28Z2	BM049112.D	1,4-Dioxane-d8	8	4.24	53		15	120
			1,4-Dioxane-d8	8	4.14	52		15	120
		BM049098.D	Fluoranthene-d10	0.4	0.26	65		30	130
			Fluoranthene-d10	0.4	0.25	63		30	130
		BM049112.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	140
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P5265-07DL	E28Z2DL	BM049113.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P5265-08	E28Z3	BM049126.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Fluoranthene-d10	0.4	0.12	29	*	30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P5265-08DL	E28Z3DL	BM049127.D	1,4-Dioxane-d8	8	2.44	30		15	120
			Fluoranthene-d10	0.4	0.10	24	*	30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		20	140
P5265-09	E28Z4	BM049114.D	1,4-Dioxane-d8	8	3.64	46		15	120

Surrogate Summary

SW-846

SDG No.: **BM122024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-09	E28Z4	BM049099.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Fluoranthene-d10	0.4	0.15	37		30	130
		BM049114.D	Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5265-09DL	E28Z4DL	BM049099.D	2-Methylnaphthalene-d10	0.4	0.19	47		20	140
			1,4-Dioxane-d8	8	3.10	39		15	120
		BM049115.D	Fluoranthene-d10	0.4	0.12	29	*	30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P5265-10	E28Z5	BM049122.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
			1,4-Dioxane-d8	8	3.09	39		15	120
P5265-10DL	E28Z5DL	BM049123.D	Fluoranthene-d10	0.4	0.14	34		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
			1,4-Dioxane-d8	8	3.62	45		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
P5265-11	E28Z6	BM049124.D	2-Methylnaphthalene-d10	0.4	0.21	53		20	140
			1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.15	38		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P5265-11DL	E28Z6DL	BM049125.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
			1,4-Dioxane-d8	8	3.49	44		15	120
P5265-12	E28Z7	BM049134.D	Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5265-13	E28Z8	BM049116.D	1,4-Dioxane-d8	8	3.28	41		15	120
		BM049100.D	1,4-Dioxane-d8	8	3.28	41		15	120
		BM049116.D	Fluoranthene-d10	0.4	0.21	53		30	130
			Fluoranthene-d10	0.4	0.20	51		30	130
P5265-13DL	E28Z8DL	BM049100.D	2-Methylnaphthalene-d10	0.4	0.21	51		20	140
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
			1,4-Dioxane-d8	8	3.02	38		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
P5265-14	E28Z9	BM049101.D	2-Methylnaphthalene-d10	0.4	0.16	40		20	140
			1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P5265-14DL	E28Z9DL	BM049121.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
			1,4-Dioxane-d8	8	3.37	42		15	120
P5265-14RE	E28Z9RE	BM049120.D	Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
			1,4-Dioxane-d8	8	3.64	46		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
P5265-15	E2900	BM049135.D	2-Methylnaphthalene-d10	0.4	0.21	53		20	140
			1,4-Dioxane-d8	8	3.91	49		15	120
			Fluoranthene-d10	0.4	0.20	51		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P5265-16	E2901	BM049130.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
			1,4-Dioxane-d8	8	3.21	40		15	120
P5265-16DL	E2901DL	BM049131.D	Fluoranthene-d10	0.4	0.17	41		30	130
			1,4-Dioxane-d8	8	3.21	40		15	120
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
			1,4-Dioxane-d8	8	3.21	40		15	120

Surrogate Summary

SW-846

SDG No.: **BM122024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-16DL	E2901DL	BM049131.D	2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P5265-17	E2902	BM049128.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P5265-17DL	E2902DL	BM049129.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P5265-20MS	E28Y9MS	BM049105.D	1,4-Dioxane-d8	0.8	0.34	42		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P5265-21MSD	E28Y9MSD	BM049106.D	1,4-Dioxane-d8	0.8	0.32	40		15	120
			Fluoranthene-d10	0.4	0.29	74		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
PB165708BL	PB165708BL	BM049103.D	1,4-Dioxane-d8	8	5.47	68		15	120
		BM049094.D	1,4-Dioxane-d8	8	5.45	68		15	120
		BM049119.D	1,4-Dioxane-d8	8	1,667.71	20846	*	15	120
			Fluoranthene-d10	0.4	941.22	235306	*	30	130
		BM049094.D	Fluoranthene-d10	0.4	0.37	92		30	130
		BM049103.D	Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		20	140
		BM049094.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	140
		BM049119.D	2-Methylnaphthalene-d10	0.4	42.88	10720	*	20	140
PB165708BS	PB165708BS	BM049136.D	1,4-Dioxane-d8	0.8	0.61	76		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122024

Lab Code: CHEM

SAS No.: BM122024 SDG NO.: BM122024

Lab File ID: BM049092.D

DFTPP Injection Date: 12/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	11.9 (19.6) 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
SSTD0.4118	SSTDCCC0.4	BM049093.D	12/20/2024	10:15
SBLK708	PB165708BL	BM049094.D	12/20/2024	10:51
E28Y7	P5265-02	BM049095.D	12/20/2024	11:27
E28Y8	P5265-03	BM049096.D	12/20/2024	12:03
E28Z1	P5265-06	BM049097.D	12/20/2024	12:39
E28Z2	P5265-07	BM049098.D	12/20/2024	13:15
E28Z4	P5265-09	BM049099.D	12/20/2024	13:51
E28Z8	P5265-13	BM049100.D	12/20/2024	14:26
E28Z9	P5265-14	BM049101.D	12/20/2024	15:03
SSTD0.4119	SSTDCCC0.4	BM049102.D	12/20/2024	16:13
SBLK708	PB165708BL	BM049103.D	12/20/2024	16:49
E28Y9	P5265-04	BM049104.D	12/20/2024	17:25
E28Y9MS	P5265-20MS	BM049105.D	12/20/2024	18:01
E28Y9MSD	P5265-21MSD	BM049106.D	12/20/2024	18:37
E28Y7DL	P5265-02DL	BM049107.D	12/20/2024	19:13
E28Y8	P5265-03	BM049108.D	12/20/2024	19:49
E28Y8DL	P5265-03DL	BM049109.D	12/20/2024	20:25
E28Z1	P5265-06	BM049110.D	12/20/2024	21:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122024

Lab Code: CHEM

SAS No.: BM122024

SDG NO.: BM122024

Lab File ID: BM049092.D

DFTPP Injection Date: 12/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	11.9 (19.6) 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
E28Z1DL	P5265-06DL	BM049111.D	12/20/2024	21:37
E28Z2	P5265-07	BM049112.D	12/20/2024	22:13
E28Z2DL	P5265-07DL	BM049113.D	12/20/2024	22:49
E28Z4	P5265-09	BM049114.D	12/20/2024	23:25
E28Z4DL	P5265-09DL	BM049115.D	12/21/2024	00:01
E28Z8	P5265-13	BM049116.D	12/21/2024	00:38
E28Z8DL	P5265-13DL	BM049117.D	12/21/2024	01:14
SSTD0.4120	SSTDCCC0.4	BM049118.D	12/21/2024	02:26
SBLK708	PB165708BL	BM049119.D	12/21/2024	03:02
E28Z9RE	P5265-14RE	BM049120.D	12/21/2024	03:38
E28Z9DL	P5265-14DL	BM049121.D	12/21/2024	04:14
E28Z5	P5265-10	BM049122.D	12/21/2024	04:50
E28Z5DL	P5265-10DL	BM049123.D	12/21/2024	05:26
E28Z6	P5265-11	BM049124.D	12/21/2024	06:02
E28Z6DL	P5265-11DL	BM049125.D	12/21/2024	06:39
E28Z3	P5265-08	BM049126.D	12/21/2024	07:14
E28Z3DL	P5265-08DL	BM049127.D	12/21/2024	07:50
E2902	P5265-17	BM049128.D	12/21/2024	08:26

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM122024

Lab Code: CHEM

SAS No.: BM122024 SDG NO.: BM122024

Lab File ID: BM049092.D

DFTPP Injection Date: 12/20/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	11.9 (19.6) 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
E2902DL	P5265-17DL	BM049129.D	12/21/2024	09:02
E2901	P5265-16	BM049130.D	12/21/2024	09:38
E2901DL	P5265-16DL	BM049131.D	12/21/2024	10:14
E28Z0	P5265-05	BM049132.D	12/21/2024	10:50
E28Y6	P5265-01	BM049133.D	12/21/2024	11:26
E28Z7	P5265-12	BM049134.D	12/21/2024	12:01
E2900	P5265-15	BM049135.D	12/21/2024	12:37
SLCS708	PB165708BS	BM049136.D	12/21/2024	13:13
SSTD0.4121	SSTDCCC0.4EC	BM049137.D	12/21/2024	14:25
SP6698	SP6698	BM049138.D	12/21/2024	15:01