

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN121624 SAS No.: BN121624 SDG No.: BN121624

Instrument ID: BNA_N Calibration Date/Time: 12/16/2024 : 22:24

Lab File ID: BN035628.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4368 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.358	0.400	0.010	11.6546	40.0
1,4-Dioxane-d8	0.355	0.381	0.010	7.463	40.0
Naphthalene	0.981	1.000	0.600	1.9536	30.0
1-Methylnaphthalene	0.684	0.702	0.300	2.6288	30.0
2-Methylnaphthalene	0.661	0.670	0.300	1.4174	30.0
Acenaphthylene	1.550	1.574	0.900	1.5848	30.0
Acenaphthene	1.171	1.207	0.500	3.0155	30.0
Fluorene	1.363	1.365	0.700	0.1499	30.0
Pentachlorophenol	0.103	0.090	0.010	-12.0094	50.0
Phenanthrene	1.001	1.028	0.300	2.7142	30.0
Anthracene	0.936	0.924	0.400	-1.2863	30.0
Fluoranthene	1.431	1.426	0.400	-0.3338	30.0
Pyrene	1.576	1.554	0.500	-1.4003	30.0
Benzo (a) anthracene	1.327	1.324	0.400	-0.219	30.0
Chrysene	1.377	1.411	0.400	2.4734	30.0
Benzo (b) fluoranthene	1.179	1.175	0.200	-0.2983	30.0
Benzo (k) fluoranthene	1.304	1.369	0.200	4.9693	30.0
Benzo (a) pyrene	1.142	1.181	0.200	3.4211	30.0
Indeno (1,2,3-cd) pyrene	1.390	1.637	0.200	17.7908	30.0
Dibenzo (a,h) anthracene	1.061	1.124	0.200	5.9173	30.0
Benzo (g,h,i) perylene	1.115	1.176	0.200	5.4743	30.0
Fluoranthene-d10	1.169	1.133	0.400	-3.0814	30.0
2-Methylnaphthalene-d10	0.570	0.561	0.300	-1.5864	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.: BN121624 SAS No.: BN121624 SDG No.: BN121624

Instrument ID: BNA_N Calibration Date/Time: 12/16/2024 : 16:25

Lab File ID: BN035619.D Init. Calib. Date(s): _____

EPA Sample No.: SICV236 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.358	0.367	0.010	2.5389	40.0
1,4-Dioxane-d8	0.355	0.370	0.010	4.261	40.0
Naphthalene	0.981	0.956	0.600	-2.5637	30.0
1-Methylnaphthalene	0.684	0.627	0.300	-8.4467	30.0
2-Methylnaphthalene	0.661	0.644	0.300	-2.4577	30.0
Acenaphthylene	1.550	1.544	0.900	-0.3725	30.0
Acenaphthene	1.171	1.145	0.500	-2.2832	30.0
Fluorene	1.363	1.320	0.700	-3.1722	30.0
Pentachlorophenol	0.103	0.084	0.010	-18.0949	50.0
Phenanthrene	1.001	0.963	0.300	-3.814	30.0
Anthracene	0.936	0.868	0.400	-7.2128	30.0
Fluoranthene	1.431	1.397	0.400	-2.3321	30.0
Pyrene	1.576	1.523	0.500	-3.3929	30.0
Benzo (a) anthracene	1.327	1.231	0.400	-7.2099	30.0
Chrysene	1.377	1.360	0.400	-1.1831	30.0
Benzo (b) fluoranthene	1.179	1.125	0.200	-4.5954	30.0
Benzo (k) fluoranthene	1.304	1.263	0.200	-3.123	30.0
Benzo (a) pyrene	1.142	1.116	0.200	-2.2537	30.0
Indeno (1,2,3-cd) pyrene	1.390	1.342	0.200	-3.4225	30.0
Dibenzo (a,h) anthracene	1.061	1.022	0.200	-3.7289	30.0
Benzo (g,h,i) perylene	1.115	1.065	0.200	-4.5374	30.0
Fluoranthene-d10	1.169	1.122	0.400	-3.9846	30.0
2-Methylnaphthalene-d10	0.570	0.532	0.300	-6.6383	30.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK549	SDG No.:	BN121624
Lab Sample ID:	PB165549BL	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
BN035620.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.858		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.358		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2077		7.284			
1146-65-2	Naphthalene-d8	6266		10.031			
15067-26-2	Acenaphthene-d10	4508		13.949			

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:	SBLK549	SDG No.:	BN121624
Lab Sample ID:	PB165549BL	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
BN035620.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9970	16.713				
1719-03-5	Chrysene-d12	8218	20.961				
1520-96-3	Perylene-d12	8016	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S5	SDG No.:	BN121624
Lab Sample ID:	P5232-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035621.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	6.7		0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	5.8		1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	8		0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	9		0.59	1	4.2	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.49	1	4.2	ug/Kg
86-73-7	Fluorene	1.6	J	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	31		0.64	1	4.2	ug/Kg
120-12-7	Anthracene	7.2		0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	69	E	0.86	1	4.2	ug/Kg
129-00-0	Pyrene	54		0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	34		0.53	1	4.2	ug/Kg
218-01-9	Chrysene	37		0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	70	E	0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.49	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	52		0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.9		1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46		1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.406		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.168		20-140		42	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2274		7.284			
1146-65-2	Naphthalene-d8	6831		10.031			
15067-26-2	Acenaphthene-d10	4849		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S5	SDG No.:	BN121624
Lab Sample ID:	P5232-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035621.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10533	16.713				
1719-03-5	Chrysene-d12	8631	20.959				
1520-96-3	Perylene-d12	8406	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R5	SDG No.:	BN121624
Lab Sample ID:	P5232-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.3
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
BN035622.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	5.6		0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	2	J	1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	5.1		0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	2.5	J	0.6	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.89	J	0.49	1	4.2	ug/Kg
86-73-7	Fluorene	0.86	U	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	13		0.65	1	4.2	ug/Kg
120-12-7	Anthracene	3.2	J	0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	27		0.86	1	4.2	ug/Kg
129-00-0	Pyrene	25		0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	20		0.53	1	4.2	ug/Kg
218-01-9	Chrysene	26		0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.49	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	33		0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.8		1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33		1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.985		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.084	*	30-130		21	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.096		20-140		24	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2389		7.284			
1146-65-2	Naphthalene-d8	7279		10.031			
15067-26-2	Acenaphthene-d10	5148		13.944			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R5	SDG No.:	BN121624
Lab Sample ID:	P5232-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.3
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
BN035622.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11153	16.713				
1719-03-5	Chrysene-d12	9210	20.958				
1520-96-3	Perylene-d12	10406	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BN121624
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035623.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.7	ug/Kg
91-20-3	Naphthalene	5.6		0.48	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	5		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	6.9		0.44	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	3.6	J	0.61	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1.2	J	0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.1	J	0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	20		0.66	1.1	4.3	ug/Kg
120-12-7	Anthracene	4.8		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	49		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	38		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	23		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	27		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.27	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	30		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.6		1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.602		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.14		30-130		35	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.146		20-140		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2274		7.284			
1146-65-2	Naphthalene-d8	6823		10.031			
15067-26-2	Acenaphthene-d10	4792		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BN121624
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035623.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10402	16.713				
1719-03-5	Chrysene-d12	8287	20.958				
1520-96-3	Perylene-d12	8496	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28S9	SDG No.:	BN121624
Lab Sample ID:	P5232-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.5
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
BN035624.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	11	ug/Kg
91-20-3	Naphthalene	3.7	J	0.59	1.3	5.3	ug/Kg
90-12-0	1-Methylnaphthalene	2.6	J	1.4	1.3	5.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.7	J	0.54	1.3	5.3	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.75	1.3	5.3	ug/Kg
83-32-9	Acenaphthene	0.62	U	0.62	1.3	5.3	ug/Kg
86-73-7	Fluorene	1.1	U	1.1	1.3	5.3	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	2.7	11	ug/Kg
85-01-8	Phenanthrene	7.7		0.82	1.3	5.3	ug/Kg
120-12-7	Anthracene	1.5	J	0.83	1.3	5.3	ug/Kg
206-44-0	Fluoranthene	16		1.1	1.3	5.3	ug/Kg
129-00-0	Pyrene	13		0.83	1.3	5.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.6		0.67	1.3	5.3	ug/Kg
218-01-9	Chrysene	9.1		0.67	1.3	5.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	14		0.34	1.3	5.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	5	J	0.62	1.3	5.3	ug/Kg
50-32-8	Benzo(a)pyrene	9.4		0.58	1.3	5.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.1		1.4	1.3	5.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.8	J	1.4	1.3	5.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.8		1.6	1.3	5.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.301		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.114	*	30-130		28	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.134		20-140		34	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2645		7.284			
1146-65-2	Naphthalene-d8	7928		10.031			
15067-26-2	Acenaphthene-d10	5682		13.944			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28S9	SDG No.:	BN121624
Lab Sample ID:	P5232-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.5
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
BN035624.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12759	16.713				
1719-03-5	Chrysene-d12	10858	20.958				
1520-96-3	Perylene-d12	11600	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T0	SDG No.:	BN121624
Lab Sample ID:	P5232-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	31.8
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
BN035625.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	9.8	ug/Kg
91-20-3	Naphthalene	4.2	J	0.54	1.2	4.8	ug/Kg
90-12-0	1-Methylnaphthalene	3	J	1.2	1.2	4.8	ug/Kg
91-57-6	2-Methylnaphthalene	4.5	J	0.5	1.2	4.8	ug/Kg
208-96-8	Acenaphthylene	1.4	J	0.69	1.2	4.8	ug/Kg
83-32-9	Acenaphthene	2.2	J	0.57	1.2	4.8	ug/Kg
86-73-7	Fluorene	1.6	J	1	1.2	4.8	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	2.5	9.8	ug/Kg
85-01-8	Phenanthrene	18		0.75	1.2	4.8	ug/Kg
120-12-7	Anthracene	4.3	J	0.76	1.2	4.8	ug/Kg
206-44-0	Fluoranthene	30		1	1.2	4.8	ug/Kg
129-00-0	Pyrene	24		0.76	1.2	4.8	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.62	1.2	4.8	ug/Kg
218-01-9	Chrysene	15		0.62	1.2	4.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	24		0.31	1.2	4.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.7		0.57	1.2	4.8	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.53	1.2	4.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.9		1.3	1.2	4.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.1	J	1.3	1.2	4.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.4	1.2	4.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.758		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.125		30-130		31	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.147		20-140		37	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2373		7.284			
1146-65-2	Naphthalene-d8	7085		10.031			
15067-26-2	Acenaphthene-d10	5006		13.944			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T0	SDG No.:	BN121624
Lab Sample ID:	P5232-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	31.8
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
BN035625.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11033	16.713				
1719-03-5	Chrysene-d12	9445	20.958				
1520-96-3	Perylene-d12	9495	23.042				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R9	SDG No.:	BN121624
Lab Sample ID:	P5232-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
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
BN035626.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8	ug/Kg
91-20-3	Naphthalene	5.3		0.44	0.99	4	ug/Kg
90-12-0	1-Methylnaphthalene	29		1	0.99	4	ug/Kg
91-57-6	2-Methylnaphthalene	35		0.41	0.99	4	ug/Kg
208-96-8	Acenaphthylene	2.9	J	0.56	0.99	4	ug/Kg
83-32-9	Acenaphthene	2.1	J	0.47	0.99	4	ug/Kg
86-73-7	Fluorene	16		0.82	0.99	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	68	E	0.61	0.99	4	ug/Kg
120-12-7	Anthracene	0.62	U	0.62	0.99	4	ug/Kg
206-44-0	Fluoranthene	9.1		0.82	0.99	4	ug/Kg
129-00-0	Pyrene	8.9		0.62	0.99	4	ug/Kg
56-55-3	Benzo(a)anthracene	2.4	J	0.5	0.99	4	ug/Kg
218-01-9	Chrysene	12		0.5	0.99	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.25	U	0.25	0.99	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.47	U	0.47	0.99	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.43	U	0.43	0.99	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.99	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	0.99	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.8	J	1.2	0.99	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.72		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.234		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.214		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2415		7.284			
1146-65-2	Naphthalene-d8	7018		10.031			
15067-26-2	Acenaphthene-d10	5894		13.944			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R9	SDG No.:	BN121624
Lab Sample ID:	P5232-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.6
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
BN035626.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10290	16.717				
1719-03-5	Chrysene-d12	8587	20.961				
1520-96-3	Perylene-d12	8605	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	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:	SLCS549	SDG No.:	BN121624
Lab Sample ID:	PB165549BS	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
BN035627.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	50		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	10		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	22		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	10		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	10		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.584		15-120		73	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2188	7.284				
1146-65-2	Naphthalene-d8	6240	10.031				
15067-26-2	Acenaphthene-d10	4413	13.944				

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:	SLCS549	SDG No.:	BN121624
Lab Sample ID:	PB165549BS	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
BN035627.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9453	16.713				
1719-03-5	Chrysene-d12	8459	20.958				
1520-96-3	Perylene-d12	9048	23.045				
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:	SBLK549	SDG No.:	BN121624
Lab Sample ID:	PB165549BL	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
BN035629.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.129		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.374		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		20-140		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2241		7.284			
1146-65-2	Naphthalene-d8	6680		10.025			
15067-26-2	Acenaphthene-d10	4703		13.944			

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:	SBLK549	SDG No.:	BN121624
Lab Sample ID:	PB165549BL	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
BN035629.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10241	16.713				
1719-03-5	Chrysene-d12	8251	20.961				
1520-96-3	Perylene-d12	7850	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BN121624
Lab Sample ID:	P5232-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.7
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
BN035630.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	34		0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	12		1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	29		0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	8.1		0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	2.9	J	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	3.5	J	0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	52		0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	15		0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	81	E	0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	74	E	0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	63		0.53	1.1	4.2	ug/Kg
218-01-9	Chrysene	86	E	0.53	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	45		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	E	1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26		1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	E	1.2	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.141		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.265		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2446		7.284			
1146-65-2	Naphthalene-d8	7286		10.025			
15067-26-2	Acenaphthene-d10	5342		13.944			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BN121624
Lab Sample ID:	P5232-02	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
BN035630.D	1	12/11/2024 12:00:00 AM	12/16/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11845	16.713				
1719-03-5	Chrysene-d12	9757	20.958				
1520-96-3	Perylene-d12	9911	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S2	SDG No.:	BN121624
Lab Sample ID:	P5232-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
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
BN035631.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	32		0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	10		1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	22		0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	6.1		0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	5.4		0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	59		0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	14		0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	60		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	52		0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	38		0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	51		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	E	0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	58		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.049		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.198		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.202		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2424		7.284			
1146-65-2	Naphthalene-d8	7361		10.031			
15067-26-2	Acenaphthene-d10	5006		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S2	SDG No.:	BN121624
Lab Sample ID:	P5232-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
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
BN035631.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10508	16.713				
1719-03-5	Chrysene-d12	8810	20.961				
1520-96-3	Perylene-d12	9058	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S1	SDG No.:	BN121624
Lab Sample ID:	P5232-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
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
BN035632.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.8	ug/Kg
91-20-3	Naphthalene	4.4		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	J	1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	4.5		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	11		0.62	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	5		0.51	1.1	4.4	ug/Kg
86-73-7	Fluorene	4.9		0.9	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	61		0.67	1.1	4.4	ug/Kg
120-12-7	Anthracene	17		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	130	E	0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	100	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	63		0.55	1.1	4.4	ug/Kg
218-01-9	Chrysene	64		0.55	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	34		0.51	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	77	E	0.47	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.824		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.135		30-130		34	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	2124		7.284			
1146-65-2	Naphthalene-d8	6380		10.031			
15067-26-2	Acenaphthene-d10	4349		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S1	SDG No.:	BN121624
Lab Sample ID:	P5232-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
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
BN035632.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9586	16.713				
1719-03-5	Chrysene-d12	8215	20.958				
1520-96-3	Perylene-d12	8539	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T1	SDG No.:	BN121624
Lab Sample ID:	P5232-17	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 :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035633.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	61		0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	42		1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	140	E	0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	33		0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	25		0.49	1	4.1	ug/Kg
86-73-7	Fluorene	14		0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	190	E	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	58		0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	650	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	670	E	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	720	E	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	810	E	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	E	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	E	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	1000	E	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660	E	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	E	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	E	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.394		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.226		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2388		7.284			
1146-65-2	Naphthalene-d8	7083		10.031			
15067-26-2	Acenaphthene-d10	5057		13.944			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T1	SDG No.:	BN121624
Lab Sample ID:	P5232-17	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
BN035633.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10614	16.713				
1719-03-5	Chrysene-d12	8197	20.961				
1520-96-3	Perylene-d12	11403	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S4	SDG No.:	BN121624
Lab Sample ID:	P5232-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BN035634.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	7.3		0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	7.2		1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	8.9		0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	4.5		0.57	1	4	ug/Kg
83-32-9	Acenaphthene	11		0.47	1	4	ug/Kg
86-73-7	Fluorene	7.7		0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	120	E	0.62	1	4	ug/Kg
120-12-7	Anthracene	27		0.63	1	4	ug/Kg
206-44-0	Fluoranthene	200	E	0.83	1	4	ug/Kg
129-00-0	Pyrene	160	E	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	91	E	0.51	1	4	ug/Kg
218-01-9	Chrysene	86	E	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	41		0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	99	E	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65	E	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	E	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.496		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.176		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.192		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2638		7.284			
1146-65-2	Naphthalene-d8	7908		10.031			
15067-26-2	Acenaphthene-d10	5668		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S4	SDG No.:	BN121624
Lab Sample ID:	P5232-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035634.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12688	16.713				
1719-03-5	Chrysene-d12	11206	20.959				
1520-96-3	Perylene-d12	11702	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BN121624
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035635.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	12		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	10		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	16		0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	3	J	0.91	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	49		0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	15		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	140	E	0.91	1.1	4.4	ug/Kg
129-00-0	Pyrene	100	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	49		0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	71		0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	59		0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.038		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.269		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2465		7.284			
1146-65-2	Naphthalene-d8	7264		10.031			
15067-26-2	Acenaphthene-d10	5168		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BN121624
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035635.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11457	16.713				
1719-03-5	Chrysene-d12	9361	20.959				
1520-96-3	Perylene-d12	10067	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R8	SDG No.:	BN121624
Lab Sample ID:	P5232-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035636.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	6.1		0.43	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	4.7		0.98	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	6.4		0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	2.4	J	0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	5.5		0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	4.7		0.79	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	35		0.59	0.95	3.8	ug/Kg
120-12-7	Anthracene	8.8		0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	46		0.79	0.95	3.8	ug/Kg
129-00-0	Pyrene	39		0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	20		0.48	0.95	3.8	ug/Kg
218-01-9	Chrysene	22		0.48	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	30		0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	23		0.42	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.99	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.5		1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.153		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.266		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2714		7.284			
1146-65-2	Naphthalene-d8	8044		10.031			
15067-26-2	Acenaphthene-d10	5896		13.944			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R8	SDG No.:	BN121624
Lab Sample ID:	P5232-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035636.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12329	16.717				
1719-03-5	Chrysene-d12	10823	20.961				
1520-96-3	Perylene-d12	11218	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T2	SDG No.:	BN121624
Lab Sample ID:	P5232-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.9
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
BN035637.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9	ug/Kg
91-20-3	Naphthalene	1.2	J	0.5	1.1	4.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	J	0.46	1.1	4.5	ug/Kg
208-96-8	Acenaphthylene	4.3	J	0.63	1.1	4.5	ug/Kg
83-32-9	Acenaphthene	3.9	J	0.53	1.1	4.5	ug/Kg
86-73-7	Fluorene	4.6		0.92	1.1	4.5	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.3	9	ug/Kg
85-01-8	Phenanthrene	41		0.69	1.1	4.5	ug/Kg
120-12-7	Anthracene	13		0.7	1.1	4.5	ug/Kg
206-44-0	Fluoranthene	69		0.92	1.1	4.5	ug/Kg
129-00-0	Pyrene	51		0.7	1.1	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.57	1.1	4.5	ug/Kg
218-01-9	Chrysene	30		0.57	1.1	4.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	44		0.28	1.1	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	17		0.53	1.1	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	33		0.49	1.1	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18		1.2	1.1	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.1		1.2	1.1	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		1.3	1.1	4.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.909		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.159		30-130		40	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.179		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2849		7.284			
1146-65-2	Naphthalene-d8	8462		10.031			
15067-26-2	Acenaphthene-d10	5882		13.944			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T2	SDG No.:	BN121624
Lab Sample ID:	P5232-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.9
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
BN035637.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12737	16.713				
1719-03-5	Chrysene-d12	10749	20.958				
1520-96-3	Perylene-d12	11601	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BN121624
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
Sample Wt/Vol:	30.03	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
BN035638.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45		1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	29		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	29		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	33		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	41		0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	24		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	24		0.91	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	52		1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	87	E	0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	41		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	210	E	0.91	1.1	4.4	ug/Kg
129-00-0	Pyrene	150	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	91	E	0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	110	E	0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	56		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	91	E	0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	E	1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	E	1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.369		15-120		46	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.54	*	30-130		135	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.46		20-140		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2541		7.284			
1146-65-2	Naphthalene-d8	7493		10.031			
15067-26-2	Acenaphthene-d10	5030		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BN121624
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035638.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10685	16.713				
1719-03-5	Chrysene-d12	8569	20.958				
1520-96-3	Perylene-d12	10282	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BN121624
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
Sample Wt/Vol:	30.05	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
BN035639.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42		1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	26		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	27		1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	31		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	39		0.63	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	23		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	23		0.91	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	50		1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	83	E	0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	39		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	190	E	0.91	1.1	4.4	ug/Kg
129-00-0	Pyrene	140	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	85	E	0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	110	E	0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	55		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	89	E	0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	E	1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81	E	1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.349		15-120		44	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.435		20-140		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2593		7.284			
1146-65-2	Naphthalene-d8	7795		10.031			
15067-26-2	Acenaphthene-d10	5206		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BN121624
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.2
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
BN035639.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11125	16.713				
1719-03-5	Chrysene-d12	9118	20.961				
1520-96-3	Perylene-d12	10444	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BN121624
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.7
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
BN035640.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	7.4		0.48	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	6.7		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	9.6		0.44	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	7.1		0.61	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	1	J	0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	1.5	J	0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	19		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	6.1		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	45		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	36		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	30		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	49		0.27	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	33		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.7		1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.843		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.133		30-130		33	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.173		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2848		7.284			
1146-65-2	Naphthalene-d8	8482		10.031			
15067-26-2	Acenaphthene-d10	5999		13.944			

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BN121624
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.7
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
BN035640.D	1	12/11/2024 12:00:00 AM	12/17/2024 12:00:00 AM	PB165549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13000	16.713				
1719-03-5	Chrysene-d12	10854	20.961				
1520-96-3	Perylene-d12	11746	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28R5								
P5232-01	E28R5	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
			Total Tics :			0.00		
P5232-01	E28R5	Solid	1-Methylnaphthalene		2.000	J 1.1	4.2	ug/Kg
P5232-01	E28R5	Solid	2-Methylnaphthalene		5.100	0.43	4.2	ug/Kg
P5232-01	E28R5	Solid	Acenaphthene		0.890	J 0.49	4.2	ug/Kg
P5232-01	E28R5	Solid	Acenaphthylene		2.500	J 0.6	4.2	ug/Kg
P5232-01	E28R5	Solid	Anthracene		3.200	J 0.66	4.2	ug/Kg
P5232-01	E28R5	Solid	Benzo(a)anthracene		20.000	0.53	4.2	ug/Kg
P5232-01	E28R5	Solid	Benzo(a)pyrene		33.000	0.46	4.2	ug/Kg
P5232-01	E28R5	Solid	Benzo(b)fluoranthene		44.000	0.27	4.2	ug/Kg
P5232-01	E28R5	Solid	Benzo(g,h,i)perylene		33.000	1.2	4.2	ug/Kg
P5232-01	E28R5	Solid	Benzo(k)fluoranthene		14.000	0.49	4.2	ug/Kg
P5232-01	E28R5	Solid	Chrysene		26.000	0.53	4.2	ug/Kg
P5232-01	E28R5	Solid	Dibenzo(a,h)anthracene		6.800	1.1	4.2	ug/Kg
P5232-01	E28R5	Solid	Fluoranthene		27.000	0.86	4.2	ug/Kg
P5232-01	E28R5	Solid	Indeno(1,2,3-cd)pyrene		21.000	1.1	4.2	ug/Kg
P5232-01	E28R5	Solid	Naphthalene		5.600	0.47	4.2	ug/Kg
P5232-01	E28R5	Solid	Phenanthrene		13.000	0.65	4.2	ug/Kg
P5232-01	E28R5	Solid	Pyrene		25.000	0.66	4.2	ug/Kg
			Total Svoc :			282.09		
			Total Concentration:			282.09		
Client ID : E28R6								
P5232-02	E28R6	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
			Total Tics :			0.00		
P5232-02	E28R6	Solid	1-Methylnaphthalene		12.000	1.1	4.2	ug/Kg
P5232-02	E28R6	Solid	2-Methylnaphthalene		29.000	0.43	4.2	ug/Kg
P5232-02	E28R6	Solid	Acenaphthene		2.900	J 0.5	4.2	ug/Kg
P5232-02	E28R6	Solid	Acenaphthylene		8.100	0.6	4.2	ug/Kg
P5232-02	E28R6	Solid	Anthracene		15.000	0.66	4.2	ug/Kg
P5232-02	E28R6	Solid	Benzo(a)anthracene		63.000	0.53	4.2	ug/Kg
P5232-02	E28R6	Solid	Benzo(a)pyrene		120.000	E 0.46	4.2	ug/Kg
P5232-02	E28R6	Solid	Benzo(b)fluoranthene		160.000	E 0.27	4.2	ug/Kg
P5232-02	E28R6	Solid	Benzo(g,h,i)perylene		130.000	E 1.2	4.2	ug/Kg
P5232-02	E28R6	Solid	Benzo(k)fluoranthene		45.000	0.5	4.2	ug/Kg
P5232-02	E28R6	Solid	Chrysene		86.000	E 0.53	4.2	ug/Kg
P5232-02	E28R6	Solid	Dibenzo(a,h)anthracene		26.000	1.1	4.2	ug/Kg
P5232-02	E28R6	Solid	Fluoranthene		81.000	E 0.87	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-02	E28R6	Solid	Fluorene	3.500	J	0.87	4.2	ug/Kg
P5232-02	E28R6	Solid	Indeno(1,2,3-cd)pyrene	82.000	E	1.1	4.2	ug/Kg
P5232-02	E28R6	Solid	Naphthalene	34.000		0.47	4.2	ug/Kg
P5232-02	E28R6	Solid	Phenanthrene	52.000		0.65	4.2	ug/Kg
P5232-02	E28R6	Solid	Pyrene	74.000	E	0.66	4.2	ug/Kg
Total Svoc :				1,023.50				
Total Concentration:				1,023.50				

Client ID : E28R8

P5232-04	E28R8	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
P5232-04	E28R8	Solid	1-Methylnaphthalene		4.700	0.98	3.8	ug/Kg
P5232-04	E28R8	Solid	2-Methylnaphthalene		6.400	0.39	3.8	ug/Kg
P5232-04	E28R8	Solid	Acenaphthene		5.500	0.45	3.8	ug/Kg
P5232-04	E28R8	Solid	Acenaphthylene	J	2.400	0.54	3.8	ug/Kg
P5232-04	E28R8	Solid	Anthracene		8.800	0.6	3.8	ug/Kg
P5232-04	E28R8	Solid	Benzo(a)anthracene		20.000	0.48	3.8	ug/Kg
P5232-04	E28R8	Solid	Benzo(a)pyrene		23.000	0.42	3.8	ug/Kg
P5232-04	E28R8	Solid	Benzo(b)fluoranthene		30.000	0.24	3.8	ug/Kg
P5232-04	E28R8	Solid	Benzo(g,h,i)perylene		19.000	1.1	3.8	ug/Kg
P5232-04	E28R8	Solid	Benzo(k)fluoranthene		10.000	0.45	3.8	ug/Kg
P5232-04	E28R8	Solid	Chrysene		22.000	0.48	3.8	ug/Kg
P5232-04	E28R8	Solid	Dibenzo(a,h)anthracene		4.500	1	3.8	ug/Kg
P5232-04	E28R8	Solid	Fluoranthene		46.000	0.79	3.8	ug/Kg
P5232-04	E28R8	Solid	Fluorene		4.700	0.79	3.8	ug/Kg
P5232-04	E28R8	Solid	Indeno(1,2,3-cd)pyrene		14.000	0.99	3.8	ug/Kg
P5232-04	E28R8	Solid	Naphthalene		6.100	0.43	3.8	ug/Kg
P5232-04	E28R8	Solid	Phenanthrene		35.000	0.59	3.8	ug/Kg
P5232-04	E28R8	Solid	Pyrene		39.000	0.6	3.8	ug/Kg
Total Svoc :				301.10				
Total Concentration:				301.10				

Client ID : E28R9

P5232-05	E28R9	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P5232-05	E28R9	Solid	1-Methylnaphthalene		29.000	1	4	ug/Kg
P5232-05	E28R9	Solid	2-Methylnaphthalene		35.000	0.41	4	ug/Kg
P5232-05	E28R9	Solid	Acenaphthene	J	2.100	0.47	4	ug/Kg
P5232-05	E28R9	Solid	Acenaphthylene	J	2.900	0.56	4	ug/Kg
P5232-05	E28R9	Solid	Benzo(a)anthracene	J	2.400	0.5	4	ug/Kg
P5232-05	E28R9	Solid	Benzo(g,h,i)perylene	J	1.800	1.2	4	ug/Kg
P5232-05	E28R9	Solid	Chrysene		12.000	0.5	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-05	E28R9	Solid	Fluoranthene	9.100		0.82	4	ug/Kg
P5232-05	E28R9	Solid	Fluorene	16.000		0.82	4	ug/Kg
P5232-05	E28R9	Solid	Naphthalene	5.300		0.44	4	ug/Kg
P5232-05	E28R9	Solid	Phenanthrene	68.000	E	0.61	4	ug/Kg
P5232-05	E28R9	Solid	Pyrene	8.900		0.62	4	ug/Kg
Total Svoc :				192.50				
Total Concentration:				192.50				
Client ID : E28S1								
P5232-07	E28S1	Solid	Total Alkanes	*	0.000	1.5	8.8	ug/Kg
Total Tics :				0.00				
P5232-07	E28S1	Solid	1-Methylnaphthalene	3.300	J	1.1	4.4	ug/Kg
P5232-07	E28S1	Solid	2-Methylnaphthalene	4.500		0.45	4.4	ug/Kg
P5232-07	E28S1	Solid	Acenaphthene	5.000		0.51	4.4	ug/Kg
P5232-07	E28S1	Solid	Acenaphthylene	11.000		0.62	4.4	ug/Kg
P5232-07	E28S1	Solid	Anthracene	17.000		0.69	4.4	ug/Kg
P5232-07	E28S1	Solid	Benzo(a)anthracene	63.000		0.55	4.4	ug/Kg
P5232-07	E28S1	Solid	Benzo(a)pyrene	77.000	E	0.47	4.4	ug/Kg
P5232-07	E28S1	Solid	Benzo(b)fluoranthene	110.000	E	0.28	4.4	ug/Kg
P5232-07	E28S1	Solid	Benzo(g,h,i)perylene	64.000		1.3	4.4	ug/Kg
P5232-07	E28S1	Solid	Benzo(k)fluoranthene	34.000		0.51	4.4	ug/Kg
P5232-07	E28S1	Solid	Chrysene	64.000		0.55	4.4	ug/Kg
P5232-07	E28S1	Solid	Dibenzo(a,h)anthracene	14.000		1.2	4.4	ug/Kg
P5232-07	E28S1	Solid	Fluoranthene	130.000	E	0.9	4.4	ug/Kg
P5232-07	E28S1	Solid	Fluorene	4.900		0.9	4.4	ug/Kg
P5232-07	E28S1	Solid	Indeno(1,2,3-cd)pyrene	47.000		1.1	4.4	ug/Kg
P5232-07	E28S1	Solid	Naphthalene	4.400		0.49	4.4	ug/Kg
P5232-07	E28S1	Solid	Phenanthrene	61.000		0.67	4.4	ug/Kg
P5232-07	E28S1	Solid	Pyrene	100.000	E	0.69	4.4	ug/Kg
Total Svoc :				814.10				
Total Concentration:				814.10				
Client ID : E28S2								
P5232-08	E28S2	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
Total Tics :				0.00				
P5232-08	E28S2	Solid	1-Methylnaphthalene	10.000		1.1	4.2	ug/Kg
P5232-08	E28S2	Solid	2-Methylnaphthalene	22.000		0.43	4.2	ug/Kg
P5232-08	E28S2	Solid	Acenaphthene	2.300	J	0.5	4.2	ug/Kg
P5232-08	E28S2	Solid	Acenaphthylene	6.100		0.6	4.2	ug/Kg
P5232-08	E28S2	Solid	Anthracene	14.000		0.66	4.2	ug/Kg
P5232-08	E28S2	Solid	Benzo(a)anthracene	38.000		0.54	4.2	ug/Kg
P5232-08	E28S2	Solid	Benzo(a)pyrene	58.000		0.46	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-08	E28S2	Solid	Benzo(b)fluoranthene	89.000	E	0.27	4.2	ug/Kg
P5232-08	E28S2	Solid	Benzo(g,h,i)perylene	63.000		1.3	4.2	ug/Kg
P5232-08	E28S2	Solid	Benzo(k)fluoranthene	24.000		0.5	4.2	ug/Kg
P5232-08	E28S2	Solid	Chrysene	51.000		0.54	4.2	ug/Kg
P5232-08	E28S2	Solid	Dibenzo(a,h)anthracene	14.000		1.1	4.2	ug/Kg
P5232-08	E28S2	Solid	Fluoranthene	60.000		0.87	4.2	ug/Kg
P5232-08	E28S2	Solid	Fluorene	5.400		0.87	4.2	ug/Kg
P5232-08	E28S2	Solid	Indeno(1,2,3-cd)pyrene	43.000		1.1	4.2	ug/Kg
P5232-08	E28S2	Solid	Naphthalene	32.000		0.47	4.2	ug/Kg
P5232-08	E28S2	Solid	Phenanthrene	59.000		0.65	4.2	ug/Kg
P5232-08	E28S2	Solid	Pyrene	52.000		0.66	4.2	ug/Kg
Total Svoc :						642.80		
Total Concentration:						642.80		

Client ID : E28S3

P5232-09	E28S3	Solid	Total Alkanes	*	0.000	1.4	8.7	ug/Kg
Total Tics :						0.00		
P5232-09	E28S3	Solid	1-Methylnaphthalene		5.000	1.1	4.3	ug/Kg
P5232-09	E28S3	Solid	2-Methylnaphthalene		6.900	0.44	4.3	ug/Kg
P5232-09	E28S3	Solid	Acenaphthene		1.200	J 0.51	4.3	ug/Kg
P5232-09	E28S3	Solid	Acenaphthylene		3.600	J 0.61	4.3	ug/Kg
P5232-09	E28S3	Solid	Anthracene		4.800	0.68	4.3	ug/Kg
P5232-09	E28S3	Solid	Benzo(a)anthracene		23.000	0.55	4.3	ug/Kg
P5232-09	E28S3	Solid	Benzo(a)pyrene		30.000	0.47	4.3	ug/Kg
P5232-09	E28S3	Solid	Benzo(b)fluoranthene		44.000	0.27	4.3	ug/Kg
P5232-09	E28S3	Solid	Benzo(g,h,i)perylene		26.000	1.3	4.3	ug/Kg
P5232-09	E28S3	Solid	Benzo(k)fluoranthene		14.000	0.51	4.3	ug/Kg
P5232-09	E28S3	Solid	Chrysene		27.000	0.55	4.3	ug/Kg
P5232-09	E28S3	Solid	Dibenzo(a,h)anthracene		5.600	1.2	4.3	ug/Kg
P5232-09	E28S3	Solid	Fluoranthene		49.000	0.89	4.3	ug/Kg
P5232-09	E28S3	Solid	Fluorene		1.100	J 0.89	4.3	ug/Kg
P5232-09	E28S3	Solid	Indeno(1,2,3-cd)pyrene		19.000	1.1	4.3	ug/Kg
P5232-09	E28S3	Solid	Naphthalene		5.600	0.48	4.3	ug/Kg
P5232-09	E28S3	Solid	Phenanthrene		20.000	0.66	4.3	ug/Kg
P5232-09	E28S3	Solid	Pyrene		38.000	0.68	4.3	ug/Kg
Total Svoc :						323.80		
Total Concentration:						323.80		

Client ID : E28S4

P5232-10	E28S4	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
Total Tics :						0.00		
P5232-10	E28S4	Solid	1-Methylnaphthalene		7.200	1	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-10	E28S4	Solid	2-Methylnaphthalene	8.900		0.41	4	ug/Kg
P5232-10	E28S4	Solid	Acenaphthene	11.000		0.47	4	ug/Kg
P5232-10	E28S4	Solid	Acenaphthylene	4.500		0.57	4	ug/Kg
P5232-10	E28S4	Solid	Anthracene	27.000		0.63	4	ug/Kg
P5232-10	E28S4	Solid	Benzo(a)anthracene	91.000	E	0.51	4	ug/Kg
P5232-10	E28S4	Solid	Benzo(a)pyrene	99.000	E	0.44	4	ug/Kg
P5232-10	E28S4	Solid	Benzo(b)fluoranthene	140.000	E	0.26	4	ug/Kg
P5232-10	E28S4	Solid	Benzo(g,h,i)perylene	80.000	E	1.2	4	ug/Kg
P5232-10	E28S4	Solid	Benzo(k)fluoranthene	41.000		0.47	4	ug/Kg
P5232-10	E28S4	Solid	Chrysene	86.000	E	0.51	4	ug/Kg
P5232-10	E28S4	Solid	Dibenzo(a,h)anthracene	18.000		1.1	4	ug/Kg
P5232-10	E28S4	Solid	Fluoranthene	200.000	E	0.83	4	ug/Kg
P5232-10	E28S4	Solid	Fluorene	7.700		0.83	4	ug/Kg
P5232-10	E28S4	Solid	Indeno(1,2,3-cd)pyrene	65.000	E	1	4	ug/Kg
P5232-10	E28S4	Solid	Naphthalene	7.300		0.45	4	ug/Kg
P5232-10	E28S4	Solid	Phenanthrene	120.000	E	0.62	4	ug/Kg
P5232-10	E28S4	Solid	Pyrene	160.000	E	0.63	4	ug/Kg
Total Svoc :				1,173.60				
Total Concentration:				1,173.60				

Client ID : E28S5

P5232-11	E28S5	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
Total Tics :				0.00				
P5232-11	E28S5	Solid	1-Methylnaphthalene		5.800	1.1	4.2	ug/Kg
P5232-11	E28S5	Solid	2-Methylnaphthalene		8.000	0.43	4.2	ug/Kg
P5232-11	E28S5	Solid	Acenaphthene		1.300	J 0.49	4.2	ug/Kg
P5232-11	E28S5	Solid	Acenaphthylene		9.000	0.59	4.2	ug/Kg
P5232-11	E28S5	Solid	Anthracene		7.200	0.66	4.2	ug/Kg
P5232-11	E28S5	Solid	Benzo(a)anthracene		34.000	0.53	4.2	ug/Kg
P5232-11	E28S5	Solid	Benzo(a)pyrene		52.000	0.46	4.2	ug/Kg
P5232-11	E28S5	Solid	Benzo(b)fluoranthene		70.000	E 0.27	4.2	ug/Kg
P5232-11	E28S5	Solid	Benzo(g,h,i)perylene		46.000	1.2	4.2	ug/Kg
P5232-11	E28S5	Solid	Benzo(k)fluoranthene		25.000	0.49	4.2	ug/Kg
P5232-11	E28S5	Solid	Chrysene		37.000	0.53	4.2	ug/Kg
P5232-11	E28S5	Solid	Dibenzo(a,h)anthracene		9.900	1.1	4.2	ug/Kg
P5232-11	E28S5	Solid	Fluoranthene		69.000	E 0.86	4.2	ug/Kg
P5232-11	E28S5	Solid	Fluorene		1.600	J 0.86	4.2	ug/Kg
P5232-11	E28S5	Solid	Indeno(1,2,3-cd)pyrene		36.000	1.1	4.2	ug/Kg
P5232-11	E28S5	Solid	Naphthalene		6.700	0.47	4.2	ug/Kg
P5232-11	E28S5	Solid	Phenanthrene		31.000	0.64	4.2	ug/Kg
P5232-11	E28S5	Solid	Pyrene		54.000	0.66	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	503.50				
			Total Concentration:	503.50				
Client ID :	E28S7							
P5232-13	E28S7	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
			Total Tics :	0.00				
P5232-13	E28S7	Solid	1-Methylnaphthalene		10.000	1.1	4.4	ug/Kg
P5232-13	E28S7	Solid	2-Methylnaphthalene		14.000	0.45	4.4	ug/Kg
P5232-13	E28S7	Solid	Acenaphthene		2.300	J 0.52	4.4	ug/Kg
P5232-13	E28S7	Solid	Acenaphthylene		16.000	0.63	4.4	ug/Kg
P5232-13	E28S7	Solid	Anthracene		15.000	0.69	4.4	ug/Kg
P5232-13	E28S7	Solid	Benzo(a)anthracene		49.000	0.56	4.4	ug/Kg
P5232-13	E28S7	Solid	Benzo(a)pyrene		59.000	0.48	4.4	ug/Kg
P5232-13	E28S7	Solid	Benzo(b)fluoranthene		100.000	E 0.28	4.4	ug/Kg
P5232-13	E28S7	Solid	Benzo(g,h,i)perylene		50.000	1.3	4.4	ug/Kg
P5232-13	E28S7	Solid	Benzo(k)fluoranthene		31.000	0.52	4.4	ug/Kg
P5232-13	E28S7	Solid	Chrysene		71.000	0.56	4.4	ug/Kg
P5232-13	E28S7	Solid	Dibenzo(a,h)anthracene		12.000	1.2	4.4	ug/Kg
P5232-13	E28S7	Solid	Fluoranthene		140.000	E 0.91	4.4	ug/Kg
P5232-13	E28S7	Solid	Fluorene		3.000	J 0.91	4.4	ug/Kg
P5232-13	E28S7	Solid	Indeno(1,2,3-cd)pyrene		39.000	1.1	4.4	ug/Kg
P5232-13	E28S7	Solid	Naphthalene		12.000	0.49	4.4	ug/Kg
P5232-13	E28S7	Solid	Phenanthrene		49.000	0.68	4.4	ug/Kg
P5232-13	E28S7	Solid	Pyrene		100.000	E 0.69	4.4	ug/Kg
			Total Svoc :	772.30				
			Total Concentration:	772.30				
Client ID :	E28S8							
P5232-14	E28S8	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
			Total Tics :	0.00				
P5232-14	E28S8	Solid	1-Methylnaphthalene		6.700	1.1	4.3	ug/Kg
P5232-14	E28S8	Solid	2-Methylnaphthalene		9.600	0.44	4.3	ug/Kg
P5232-14	E28S8	Solid	Acenaphthene		1.000	J 0.51	4.3	ug/Kg
P5232-14	E28S8	Solid	Acenaphthylene		7.100	0.61	4.3	ug/Kg
P5232-14	E28S8	Solid	Anthracene		6.100	0.68	4.3	ug/Kg
P5232-14	E28S8	Solid	Benzo(a)anthracene		24.000	0.55	4.3	ug/Kg
P5232-14	E28S8	Solid	Benzo(a)pyrene		33.000	0.47	4.3	ug/Kg
P5232-14	E28S8	Solid	Benzo(b)fluoranthene		49.000	0.27	4.3	ug/Kg
P5232-14	E28S8	Solid	Benzo(g,h,i)perylene		29.000	1.3	4.3	ug/Kg
P5232-14	E28S8	Solid	Benzo(k)fluoranthene		16.000	0.51	4.3	ug/Kg
P5232-14	E28S8	Solid	Chrysene		30.000	0.55	4.3	ug/Kg
P5232-14	E28S8	Solid	Dibenzo(a,h)anthracene		6.700	1.2	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-14	E28S8	Solid	Fluoranthene	45.000		0.89	4.3	ug/Kg
P5232-14	E28S8	Solid	Fluorene	1.500	J	0.89	4.3	ug/Kg
P5232-14	E28S8	Solid	Indeno(1,2,3-cd)pyrene	22.000		1.1	4.3	ug/Kg
P5232-14	E28S8	Solid	Naphthalene	7.400		0.48	4.3	ug/Kg
P5232-14	E28S8	Solid	Phenanthrene	19.000		0.67	4.3	ug/Kg
P5232-14	E28S8	Solid	Pyrene	36.000		0.68	4.3	ug/Kg
Total Svoc :				349.10				
Total Concentration:				349.10				
Client ID : E28S9								
P5232-15	E28S9	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P5232-15	E28S9	Solid	1-Methylnaphthalene	2.600	J	1.4	5.3	ug/Kg
P5232-15	E28S9	Solid	2-Methylnaphthalene	3.700	J	0.54	5.3	ug/Kg
P5232-15	E28S9	Solid	Acenaphthylene	1.200	J	0.75	5.3	ug/Kg
P5232-15	E28S9	Solid	Anthracene	1.500	J	0.83	5.3	ug/Kg
P5232-15	E28S9	Solid	Benzo(a)anthracene	6.600		0.67	5.3	ug/Kg
P5232-15	E28S9	Solid	Benzo(a)pyrene	9.400		0.58	5.3	ug/Kg
P5232-15	E28S9	Solid	Benzo(b)fluoranthene	14.000		0.34	5.3	ug/Kg
P5232-15	E28S9	Solid	Benzo(g,h,i)perylene	7.800		1.6	5.3	ug/Kg
P5232-15	E28S9	Solid	Benzo(k)fluoranthene	5.000	J	0.62	5.3	ug/Kg
P5232-15	E28S9	Solid	Chrysene	9.100		0.67	5.3	ug/Kg
P5232-15	E28S9	Solid	Dibenzo(a,h)anthracene	1.800	J	1.4	5.3	ug/Kg
P5232-15	E28S9	Solid	Fluoranthene	16.000		1.1	5.3	ug/Kg
P5232-15	E28S9	Solid	Indeno(1,2,3-cd)pyrene	6.100		1.4	5.3	ug/Kg
P5232-15	E28S9	Solid	Naphthalene	3.700	J	0.59	5.3	ug/Kg
P5232-15	E28S9	Solid	Phenanthrene	7.700		0.82	5.3	ug/Kg
P5232-15	E28S9	Solid	Pyrene	13.000		0.83	5.3	ug/Kg
Total Svoc :				109.20				
Total Concentration:				109.20				
Client ID : E28T0								
P5232-16	E28T0	Solid	Total Alkanes	*	0.000	1.6	9.8	ug/Kg
Total Tics :				0.00				
P5232-16	E28T0	Solid	1-Methylnaphthalene	3.000	J	1.2	4.8	ug/Kg
P5232-16	E28T0	Solid	2-Methylnaphthalene	4.500	J	0.5	4.8	ug/Kg
P5232-16	E28T0	Solid	Acenaphthene	2.200	J	0.57	4.8	ug/Kg
P5232-16	E28T0	Solid	Acenaphthylene	1.400	J	0.69	4.8	ug/Kg
P5232-16	E28T0	Solid	Anthracene	4.300	J	0.76	4.8	ug/Kg
P5232-16	E28T0	Solid	Benzo(a)anthracene	14.000		0.62	4.8	ug/Kg
P5232-16	E28T0	Solid	Benzo(a)pyrene	17.000		0.53	4.8	ug/Kg
P5232-16	E28T0	Solid	Benzo(b)fluoranthene	24.000		0.31	4.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-16	E28T0	Solid	Benzo(g,h,i)perylene	13.000		1.4	4.8	ug/Kg
P5232-16	E28T0	Solid	Benzo(k)fluoranthene	8.700		0.57	4.8	ug/Kg
P5232-16	E28T0	Solid	Chrysene	15.000		0.62	4.8	ug/Kg
P5232-16	E28T0	Solid	Dibenzo(a,h)anthracene	3.100	J	1.3	4.8	ug/Kg
P5232-16	E28T0	Solid	Fluoranthene	30.000		1	4.8	ug/Kg
P5232-16	E28T0	Solid	Fluorene	1.600	J	1	4.8	ug/Kg
P5232-16	E28T0	Solid	Indeno(1,2,3-cd)pyrene	9.900		1.3	4.8	ug/Kg
P5232-16	E28T0	Solid	Naphthalene	4.200	J	0.54	4.8	ug/Kg
P5232-16	E28T0	Solid	Phenanthrene	18.000		0.75	4.8	ug/Kg
P5232-16	E28T0	Solid	Pyrene	24.000		0.76	4.8	ug/Kg

Total Svoc : 197.90

Total Concentration: 197.90

Client ID : E28T1

P5232-17	E28T1	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
Total Tics :					0.00			
P5232-17	E28T1	Solid	1-Methylnaphthalene		42.000	1.1	4.1	ug/Kg
P5232-17	E28T1	Solid	2-Methylnaphthalene		140.000	E 0.42	4.1	ug/Kg
P5232-17	E28T1	Solid	Acenaphthene		25.000	0.49	4.1	ug/Kg
P5232-17	E28T1	Solid	Acenaphthylene		33.000	0.59	4.1	ug/Kg
P5232-17	E28T1	Solid	Anthracene		58.000	0.65	4.1	ug/Kg
P5232-17	E28T1	Solid	Benzo(a)anthracene		720.000	E 0.52	4.1	ug/Kg
P5232-17	E28T1	Solid	Benzo(a)pyrene		1,000.000	E 0.45	4.1	ug/Kg
P5232-17	E28T1	Solid	Benzo(b)fluoranthene		1,200.000	E 0.26	4.1	ug/Kg
P5232-17	E28T1	Solid	Benzo(g,h,i)perylene		870.000	E 1.2	4.1	ug/Kg
P5232-17	E28T1	Solid	Benzo(k)fluoranthene		420.000	E 0.49	4.1	ug/Kg
P5232-17	E28T1	Solid	Chrysene		810.000	E 0.52	4.1	ug/Kg
P5232-17	E28T1	Solid	Dibenzo(a,h)anthracene		220.000	E 1.1	4.1	ug/Kg
P5232-17	E28T1	Solid	Fluoranthene		650.000	E 0.85	4.1	ug/Kg
P5232-17	E28T1	Solid	Fluorene		14.000	0.85	4.1	ug/Kg
P5232-17	E28T1	Solid	Indeno(1,2,3-cd)pyrene		660.000	E 1.1	4.1	ug/Kg
P5232-17	E28T1	Solid	Naphthalene		61.000	0.46	4.1	ug/Kg
P5232-17	E28T1	Solid	Phenanthrene		190.000	E 0.64	4.1	ug/Kg
P5232-17	E28T1	Solid	Pyrene		670.000	E 0.65	4.1	ug/Kg

Total Svoc : 7,783.00

Total Concentration: 7,783.00

Client ID : E28T2

P5232-18	E28T2	Solid	Total Alkanes	*	0.000	1.5	9	ug/Kg
Total Tics :					0.00			
P5232-18	E28T2	Solid	2-Methylnaphthalene		1.100	J 0.46	4.5	ug/Kg
P5232-18	E28T2	Solid	Acenaphthene		3.900	J 0.53	4.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-18	E28T2	Solid	Acenaphthylene	4.300	J	0.63	4.5	ug/Kg
P5232-18	E28T2	Solid	Anthracene	13.000		0.7	4.5	ug/Kg
P5232-18	E28T2	Solid	Benzo(a)anthracene	33.000		0.57	4.5	ug/Kg
P5232-18	E28T2	Solid	Benzo(a)pyrene	33.000		0.49	4.5	ug/Kg
P5232-18	E28T2	Solid	Benzo(b)fluoranthene	44.000		0.28	4.5	ug/Kg
P5232-18	E28T2	Solid	Benzo(g,h,i)perylene	21.000		1.3	4.5	ug/Kg
P5232-18	E28T2	Solid	Benzo(k)fluoranthene	17.000		0.53	4.5	ug/Kg
P5232-18	E28T2	Solid	Chrysene	30.000		0.57	4.5	ug/Kg
P5232-18	E28T2	Solid	Dibenzo(a,h)anthracene	6.100		1.2	4.5	ug/Kg
P5232-18	E28T2	Solid	Fluoranthene	69.000		0.92	4.5	ug/Kg
P5232-18	E28T2	Solid	Fluorene	4.600		0.92	4.5	ug/Kg
P5232-18	E28T2	Solid	Indeno(1,2,3-cd)pyrene	18.000		1.2	4.5	ug/Kg
P5232-18	E28T2	Solid	Naphthalene	1.200	J	0.5	4.5	ug/Kg
P5232-18	E28T2	Solid	Phenanthrene	41.000		0.69	4.5	ug/Kg
P5232-18	E28T2	Solid	Pyrene	51.000		0.7	4.5	ug/Kg
Total Svoc :				391.20				
Total Concentration:				391.20				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN121624 SAS No.: BN121624 SDG No.: BN121624
Instrument ID: _____ Calibration Date(s): 12/16/2024
Calibration Time(s): 12:44

LAB FILE ID:		RRFAL1 = BN035613.D			RRFAL2 = BN035614.D		RRFAL3 = BN035615.D	
		RRFAL4 = BN035616.D			RRFAL5 = BN035617.D		RRFAL6 = BN035618.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.315	0.410	0.365	0.351	0.350	0.358	9.6
1,4-Dioxane-d8		0.365	0.378	0.358	0.339	0.333	0.355	5.3
Naphthalene	0.963	0.973	1.083	0.981	0.904		0.981	6.6
1-Methylnaphthalene	0.692	0.703	0.693	0.670	0.664		0.684	2.4
2-Methylnaphthalene	0.657	0.678	0.669	0.651	0.648		0.661	1.9
Acenaphthylene	1.563	1.554	1.594	1.529	1.509		1.550	2.1
Acenaphthene	1.197	1.182	1.206	1.150	1.123		1.171	2.9
Fluorene	1.368	1.370	1.412	1.344	1.322		1.363	2.5
Pentachlorophenol		0.091	0.097	0.096	0.110	0.118	0.103	11.1
Phenanthrene	1.020	1.008	1.015	0.994	0.969		1.001	2.0
Anthracene	0.932	0.938	0.948	0.930	0.931		0.936	0.8
Fluoranthene	1.493	1.428	1.421	1.400	1.411		1.431	2.5
Pyrene	1.729	1.589	1.563	1.511	1.488		1.576	6.0
Benzo(a)anthracene	1.342	1.340	1.343	1.306	1.303		1.327	1.6
Chrysene	1.436	1.397	1.415	1.338	1.296		1.377	4.2
Benzo(b)fluoranthene	1.160	1.195	1.214	1.168	1.156		1.179	2.1
Benzo(k)fluoranthene	1.391	1.298	1.309	1.290	1.231		1.304	4.4
Benzo(a)pyrene	1.173	1.163	1.152	1.126	1.095		1.142	2.8
Indeno(1,2,3-cd)pyrene	1.320	1.400	1.430	1.396	1.403		1.390	3.0
Dibenzo(a,h)anthracene	1.001	1.070	1.099	1.078	1.058		1.061	3.5
Benzo(g,h,i)perylene	1.137	1.141	1.136	1.103	1.059		1.115	3.1
Fluoranthene-d10	1.217	1.173	1.166	1.146	1.144		1.169	2.5
2-Methylnaphthalene-d10	0.564	0.584	0.576	0.560	0.564		0.570	1.7

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.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4232 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BN035615.D Time Analyzed: 16:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1866	7.284	5515	10.03	3919	13.95
	UPPER LIMIT	3732	7.784	11030	10.531	7838	14.449
	LOWER LIMIT	933	6.784	2757.5	9.531	1959.5	13.449
	EPA SAMPLE NO.						
01	SICV236	1931	7.28	5507	10.03	3967	13.95
02	SBLK549	2077	7.28	6266	10.03	4508	13.95
03	E28S5	2274	7.28	6831	10.03	4849	13.94
04	E28R5	2389	7.28	7279	10.03	5148	13.94
05	E28S3	2274	7.28	6823	10.03	4792	13.94
06	E28S9	2645	7.28	7928	10.03	5682	13.94
07	E28T0	2373	7.28	7085	10.03	5006	13.94
08	E28R9	2415	7.28	7018	10.03	5894	13.94
09	SLCS549	2188	7.28	6240	10.03	4413	13.94
10	SBLK549	2241	7.28	6680	10.03	4703	13.94
11	E28R6	2446	7.28	7286	10.03	5342	13.94
12	E28S2	2424	7.28	7361	10.03	5006	13.94
13	E28S1	2124	7.28	6380	10.03	4349	13.94
14	E28T1	2388	7.28	7083	10.03	5057	13.94
15	E28S4	2638	7.28	7908	10.03	5668	13.94
16	E28S7	2465	7.28	7264	10.03	5168	13.94
17	E28R8	2714	7.28	8044	10.03	5896	13.94
18	E28T2	2849	7.28	8462	10.03	5882	13.94
19	E28S7MS	2541	7.28	7493	10.03	5030	13.94
20	E28S7MSD	2593	7.28	7795	10.03	5206	13.94
21	E28S8	2848	7.28	8482	10.03	5999	13.94

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4232 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BN035615.D Time Analyzed: 05:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1866	7.284	5515	10.03	3919	13.95
UPPER LIMIT	3732	7.784	11030	10.531	7838	14.449
LOWER LIMIT	933	6.784	2757.5	9.531	1959.5	13.449
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.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4368 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BN035628.D Time Analyzed: 23:00

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2086	7.284	6043	10.03	4198	13.94
UPPER LIMIT	4172	7.784	12086	10.531	8396	14.444
LOWER LIMIT	1043	6.784	3021.5	9.531	2099	13.444
EPA SAMPLE NO.						
01 SBLK549	2241	7.28	6680	10.03	4703	13.94
02 E28R6	2446	7.28	7286	10.03	5342	13.94
03 E28S2	2424	7.28	7361	10.03	5006	13.94
04 E28S1	2124	7.28	6380	10.03	4349	13.94
05 E28T1	2388	7.28	7083	10.03	5057	13.94
06 E28S4	2638	7.28	7908	10.03	5668	13.94
07 E28S7	2465	7.28	7264	10.03	5168	13.94
08 E28R8	2714	7.28	8044	10.03	5896	13.94
09 E28T2	2849	7.28	8462	10.03	5882	13.94
10 E28S7MS	2541	7.28	7493	10.03	5030	13.94
11 E28S7MSD	2593	7.28	7795	10.03	5206	13.94
12 E28S8	2848	7.28	8482	10.03	5999	13.94

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.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4232 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BN035615.D Time Analyzed: 16:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	9201	16.717	8386	20.964	9372	23.054
	UPPER LIMIT	18402	17.217	16772	21.464	18744	23.554
	LOWER LIMIT	4600.5	16.217	4193	20.464	4686	22.554
	EPA SAMPLE NO.						
01	SICV236	9061	16.72	7850	20.96	8669	23.05
02	SBLK549	9970	16.71	8218	20.96	8016	23.05
03	E28S5	10533	16.71	8631	20.96	8406	23.05
04	E28R5	11153	16.71	9210	20.96	10406	23.05
05	E28S3	10402	16.71	8287	20.96	8496	23.05
06	E28S9	12759	16.71	10858	20.96	11600	23.05
07	E28T0	11033	16.71	9445	20.96	9495	23.04
08	E28R9	10290	16.72	8587	20.96	8605	23.05
09	SLCS549	9453	16.71	8459	20.96	9048	23.05
10	SBLK549	10241	16.71	8251	20.96	7850	23.05
11	E28R6	11845	16.71	9757	20.96	9911	23.05
12	E28S2	10508	16.71	8810	20.96	9058	23.05
13	E28S1	9586	16.71	8215	20.96	8539	23.05
14	E28T1	10614	16.71	8197	20.96	11403	23.05
15	E28S4	12688	16.71	11206	20.96	11702	23.05
16	E28S7	11457	16.71	9361	20.96	10067	23.05
17	E28R8	12329	16.72	10823	20.96	11218	23.05
18	E28T2	12737	16.71	10749	20.96	11601	23.05
19	E28S7MS	10685	16.71	8569	20.96	10282	23.05
20	E28S7MSD	11125	16.71	9118	20.96	10444	23.05
21	E28S8	13000	16.71	10854	20.96	11746	23.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4232 Date Analyzed: Dec 17 2024 12:00AM

Lab File ID: BN035615.D Time Analyzed: 05:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9201	16.717	8386	20.964	9372	23.054
UPPER LIMIT	18402	17.217	16772	21.464	18744	23.554
LOWER LIMIT	4600.5	16.217	4193	20.464	4686	22.554
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.: BN121624 SAS No.: BN121624 SDG NO.: BN121624

EPA Sample No.: SSTD0.4368 Date Analyzed: Dec 16 2024 12:00AM

Lab File ID: BN035628.D Time Analyzed: 23:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9055	16.713	7896	20.961	8754	23.045
UPPER LIMIT	18110	17.213	15792	21.461	17508	23.545
LOWER LIMIT	4527.5	16.213	3948	20.461	4377	22.545
EPA SAMPLE NO.						
01 SBLK549	10241	16.71	8251	20.96	7850	23.05
02 E28R6	11845	16.71	9757	20.96	9911	23.05
03 E28S2	10508	16.71	8810	20.96	9058	23.05
04 E28S1	9586	16.71	8215	20.96	8539	23.05
05 E28T1	10614	16.71	8197	20.96	11403	23.05
06 E28S4	12688	16.71	11206	20.96	11702	23.05
07 E28S7	11457	16.71	9361	20.96	10067	23.05
08 E28R8	12329	16.72	10823	20.96	11218	23.05
09 E28T2	12737	16.71	10749	20.96	11601	23.05
10 E28S7MS	10685	16.71	8569	20.96	10282	23.05
11 E28S7MSD	11125	16.71	9118	20.96	10444	23.05
12 E28S8	13000	16.71	10854	20.96	11746	23.05

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.: BN121624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN121624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165549BS	1,4-Dioxane	66.7	50	ug/Kg	75				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	10	ug/Kg	75				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	10	ug/Kg	75				0	0		
	Pentachlorophenol	26.7	22	ug/Kg	82				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	10	ug/Kg	75				0	0		
	Pyrene	13.3	10	ug/Kg	75				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0		
	Dibenzo(a,h)anthracene	13.3	12	ug/Kg	90				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK549

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121624

SAS No.: BN121624 SDG NO.: BN121624

Lab File ID: BN035620.D

Lab Sample ID: PB165549BL

Instrument ID: BNA_N

Date Extracted: 12/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/16/2024

Level: (low/med) LOW

Time Analyzed: 17:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28R6	P5232-02	BN035630.D	12/16/2024
E28S2	P5232-08	BN035631.D	12/17/2024
E28S1	P5232-07	BN035632.D	12/17/2024
E28T1	P5232-17	BN035633.D	12/17/2024
E28S4	P5232-10	BN035634.D	12/17/2024
E28S7	P5232-13	BN035635.D	12/17/2024
E28R8	P5232-04	BN035636.D	12/17/2024
E28T2	P5232-18	BN035637.D	12/17/2024
E28S7MS	P5232-21MS	BN035638.D	12/17/2024
E28S7MSD	P5232-22MSD	BN035639.D	12/17/2024
E28S8	P5232-14	BN035640.D	12/17/2024
E28S5	P5232-11	BN035621.D	12/16/2024
E28R5	P5232-01	BN035622.D	12/16/2024
E28S3	P5232-09	BN035623.D	12/16/2024
E28S9	P5232-15	BN035624.D	12/16/2024
E28T0	P5232-16	BN035625.D	12/16/2024
E28R9	P5232-05	BN035626.D	12/16/2024
PB165549BS	PB165549BS	BN035627.D	12/16/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5232-21MS		Client Sample ID: E28S7MS		DataFile: BN035638.D							
1,4-Dioxane	89		45	ug/Kg	51				15	120	
Naphthalene	17.8	12	29	ug/Kg	96				0	0	
1-Methylnaphthalene	17.8	10	29	ug/Kg	107				0	0	
2-Methylnaphthalene	17.8	14	33	ug/Kg	107				0	0	
Acenaphthylene	17.8	16	41	ug/Kg	140				0	0	
Acenaphthene	17.8	2.3	24	ug/Kg	122				31	137	
Fluorene	17.8	3	24	ug/Kg	118				0	0	
Pentachlorophenol	35.6	0	52	ug/Kg	146	*			17	109	
Phenanthrene	17.8	49	87	ug/Kg	213				0	0	
Anthracene	17.8	15	41	ug/Kg	146				0	0	
Fluoranthene	17.8	140	210	ug/Kg	393				0	0	
Pyrene	17.8	100	150	ug/Kg	281	*			35	142	
Benzo(a)anthracene	17.8	49	91	ug/Kg	236				0	0	
Chrysene	17.8	71	110	ug/Kg	219				0	0	
Benzo(b)fluoranthene	17.8	100	150	ug/Kg	281				0	0	
Benzo(k)fluoranthene	17.8	31	56	ug/Kg	140				0	0	
Benzo(a)pyrene	17.8	59	91	ug/Kg	180				0	0	
Indeno(1,2,3-cd)pyrene	17.8	39	73	ug/Kg	191				0	0	
Dibenzo(a,h)anthracene	17.8	12	37	ug/Kg	140				0	0	
Benzo(g,h,i)perylene	17.8	50	83	ug/Kg	185				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5232-22MSD	Client Sample ID:	E28S7MSD					DataFile:	BN035639.D		
1,4-Dioxane	89		42	ug/Kg	47		8		15	120	50
Naphthalene	17.8	12	26	ug/Kg	79		19	*	0	0	0
1-Methylnaphthalene	17.8	10	27	ug/Kg	96		11	*	0	0	0
2-Methylnaphthalene	17.8	14	31	ug/Kg	96		11	*	0	0	0
Acenaphthylene	17.8	16	39	ug/Kg	129		8	*	0	0	0
Acenaphthene	17.8	2.3	23	ug/Kg	116		5		31	137	19
Fluorene	17.8	3	23	ug/Kg	112		5	*	0	0	0
Pentachlorophenol	35.6	0	50	ug/Kg	140	*	4		17	109	47
Phenanthrene	17.8	49	83	ug/Kg	191		11	*	0	0	0
Anthracene	17.8	15	39	ug/Kg	135		8	*	0	0	0
Fluoranthene	17.8	140	190	ug/Kg	281		33	*	0	0	0
Pyrene	17.8	100	140	ug/Kg	225	*	22		35	142	36
Benzo(a)anthracene	17.8	49	85	ug/Kg	202		16	*	0	0	0
Chrysene	17.8	71	110	ug/Kg	219		0		0	0	0
Benzo(b)fluoranthene	17.8	100	140	ug/Kg	225		22	*	0	0	0
Benzo(k)fluoranthene	17.8	31	55	ug/Kg	135		4	*	0	0	0
Benzo(a)pyrene	17.8	59	89	ug/Kg	169		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.8	39	71	ug/Kg	180		6	*	0	0	0
Dibenzo(a,h)anthracene	17.8	12	36	ug/Kg	135		4	*	0	0	0
Benzo(g,h,i)perylene	17.8	50	81	ug/Kg	174		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BN121624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-01	E28R5	BN035622.D	1,4-Dioxane-d8	8	1.99	25		15	120
			Fluoranthene-d10	0.4	0.08	21	*	30	130
			2-Methylnaphthalene-d10	0.4	0.10	24		20	140
P5232-02	E28R6	BN035630.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.27	66		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P5232-04	E28R8	BN035636.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P5232-05	E28R9	BN035626.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P5232-07	E28S1	BN035632.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Fluoranthene-d10	0.4	0.14	34		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P5232-08	E28S2	BN035631.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P5232-09	E28S3	BN035623.D	1,4-Dioxane-d8	8	2.60	33		15	120
			Fluoranthene-d10	0.4	0.14	35		30	130
			2-Methylnaphthalene-d10	0.4	0.15	36		20	140
P5232-10	E28S4	BN035634.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5232-11	E28S5	BN035621.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	42		20	140
P5232-13	E28S7	BN035635.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P5232-14	E28S8	BN035640.D	1,4-Dioxane-d8	8	2.84	36		15	120
			Fluoranthene-d10	0.4	0.13	33		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5232-15	E28S9	BN035624.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Fluoranthene-d10	0.4	0.11	28	*	30	130
			2-Methylnaphthalene-d10	0.4	0.13	34		20	140
P5232-16	E28T0	BN035625.D	1,4-Dioxane-d8	8	2.76	34		15	120
			Fluoranthene-d10	0.4	0.13	31		30	130
			2-Methylnaphthalene-d10	0.4	0.15	37		20	140
P5232-17	E28T1	BN035633.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P5232-18	E28T2	BN035637.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Fluoranthene-d10	0.4	0.16	40		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P5232-21MS	E28S7MS	BN035638.D	1,4-Dioxane-d8	0.8	0.37	46		15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.46	115		20	140
P5232-22MSD	E28S7MSD	BN035639.D	1,4-Dioxane-d8	0.8	0.35	44		15	120

Surrogate Summary

SW-846

SDG No.: BN121624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-22MSD	E28S7MSD	BN035639.D	Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		20	140
PB165549BL	PB165549BL	BN035629.D	1,4-Dioxane-d8	8	6.13	77		15	120
		BN035620.D	1,4-Dioxane-d8	8	5.86	73		15	120
		BN035629.D	Fluoranthene-d10	0.4	0.36	90		30	130
			Fluoranthene-d10	0.4	0.37	94		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		20	140
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
PB165549BS	PB165549BS	BN035627.D	1,4-Dioxane-d8	0.8	0.58	73		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121624

Lab Code: CHEM

SAS No.: BN121624 SDG NO.: BN121624

Lab File ID: BN035612.D

DFTPP Injection Date: 12/16/2024

Instrument ID: BNA_N

DFTPP Injection Time: 11:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	74.6
443	15.0 - 24.0% of mass 442	14.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.1230	SSTD0.143	BN035613.D	12/16/2024	12:44
SSTD0.2231	SSTD0.244	BN035614.D	12/16/2024	13:26
SSTD0.4232	SSTD0.445	BN035615.D	12/16/2024	14:02
SSTD0.8233	SSTD0.846	BN035616.D	12/16/2024	14:37
SSTD1.6234	SSTD1.647	BN035617.D	12/16/2024	15:13
SSTD3.2235	SSTD3.248	BN035618.D	12/16/2024	15:49
SICV236	SSTDICV0.4	BN035619.D	12/16/2024	16:25
SBLK549	PB165549BL	BN035620.D	12/16/2024	17:01
E28S5	P5232-11	BN035621.D	12/16/2024	17:37
E28R5	P5232-01	BN035622.D	12/16/2024	18:13
E28S3	P5232-09	BN035623.D	12/16/2024	18:49
E28S9	P5232-15	BN035624.D	12/16/2024	19:24
E28T0	P5232-16	BN035625.D	12/16/2024	20:00
E28R9	P5232-05	BN035626.D	12/16/2024	20:36
SLCS549	PB165549BS	BN035627.D	12/16/2024	21:12
SSTD0.4368	SSTDCCC0.4	BN035628.D	12/16/2024	22:24
SBLK549	PB165549BL	BN035629.D	12/16/2024	23:00
E28R6	P5232-02	BN035630.D	12/16/2024	23:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121624

Lab Code: CHEM

SAS No.: BN121624 SDG NO.: BN121624

Lab File ID: BN035612.D

DFTPP Injection Date: 12/16/2024

Instrument ID: BNA_N

DFTPP Injection Time: 11:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	74.6
443	15.0 - 24.0% of mass 442	14.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E28S2	P5232-08	BN035631.D	12/17/2024	00:12
E28S1	P5232-07	BN035632.D	12/17/2024	00:48
E28T1	P5232-17	BN035633.D	12/17/2024	01:24
E28S4	P5232-10	BN035634.D	12/17/2024	02:00
E28S7	P5232-13	BN035635.D	12/17/2024	02:36
E28R8	P5232-04	BN035636.D	12/17/2024	03:12
E28T2	P5232-18	BN035637.D	12/17/2024	03:48
E28S7MS	P5232-21MS	BN035638.D	12/17/2024	04:24
E28S7MSD	P5232-22MSD	BN035639.D	12/17/2024	05:00
E28S8	P5232-14	BN035640.D	12/17/2024	05:36