

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG No.: BN061824
Instrument ID: BNA_N Calibration Date/Time: 6/18/2024 1:15:27
Lab File ID: BN032045.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4379 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.480	0.514	0.010	6.9465	40.0
1,4-Dioxane-d8	0.429	0.466	0.010	8.5786	40.0
Naphthalene	1.064	1.092	0.600	2.672	30.0
1-Methylnaphthalene	0.768	0.793	0.300	3.3253	30.0
2-Methylnaphthalene	0.741	0.769	0.300	3.779	30.0
Acenaphthylene	1.707	1.705	0.900	-0.1	30.0
Acenaphthene	1.276	1.304	0.500	2.2235	30.0
Fluorene	1.558	1.600	0.700	2.6467	30.0
Pentachlorophenol	0.094	0.081	0.010	-13.8237	50.0
Phenanthrene	1.128	1.156	0.300	2.4786	30.0
Anthracene	1.015	1.013	0.400	-0.2158	30.0
Fluoranthene	1.474	1.508	0.400	2.3309	30.0
Pyrene	1.543	1.572	0.500	1.8601	30.0
Benzo (a) anthracene	1.534	1.509	0.400	-1.6665	30.0
Chrysene	1.530	1.528	0.400	-0.0844	30.0
Benzo (b) fluoranthene	1.757	1.689	0.200	-3.8963	30.0
Benzo (k) fluoranthene	1.687	1.646	0.200	-2.4579	30.0
Benzo (a) pyrene	1.249	1.259	0.200	0.8144	30.0
Indeno (1,2,3-cd) pyrene	1.684	1.681	0.200	-0.2149	30.0
Dibenzo (a,h) anthracene	1.300	1.305	0.200	0.3914	30.0
Benzo (g,h,i) perylene	1.339	1.330	0.200	-0.7129	30.0
Fluoranthene-d10	1.210	1.242	0.400	2.6495	30.0
2-Methylnaphthalene-d10	0.650	0.671	0.300	3.2812	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.: BN061824 SAS No.: BN061824 SDG No.: BN061824

Instrument ID: BNA_N Calibration Date/Time: 6/19/2024 1:02:20

Lab File ID: BN032062.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4380 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.480	0.439	0.010	-8.5069	50.0
1,4-Dioxane-d8	0.429	0.405	0.010	-5.4652	50.0
Naphthalene	1.064	1.089	0.600	2.3552	50.0
1-Methylnaphthalene	0.768	0.799	0.300	3.9968	50.0
2-Methylnaphthalene	0.741	0.774	0.300	4.3638	50.0
Acenaphthylene	1.707	1.785	0.900	4.603	50.0
Acenaphthene	1.276	1.312	0.500	2.7988	50.0
Fluorene	1.558	1.539	0.700	-1.2143	50.0
Pentachlorophenol	0.094	0.081	0.010	-14.2301	50.0
Phenanthrene	1.128	1.155	0.300	2.438	50.0
Anthracene	1.015	1.036	0.400	2.0299	50.0
Fluoranthene	1.474	1.733	0.400	17.6162	50.0
Pyrene	1.543	1.783	0.500	15.5132	50.0
Benzo (a) anthracene	1.534	1.567	0.400	2.1547	50.0
Chrysene	1.530	1.512	0.400	-1.1356	50.0
Benzo (b) fluoranthene	1.757	1.653	0.200	-5.9294	50.0
Benzo (k) fluoranthene	1.687	1.605	0.200	-4.855	50.0
Benzo (a) pyrene	1.249	1.240	0.200	-0.6642	50.0
Indeno (1,2,3-cd) pyrene	1.684	1.629	0.200	-3.2934	50.0
Dibenzo (a,h) anthracene	1.300	1.280	0.200	-1.5391	50.0
Benzo (g,h,i) perylene	1.339	1.261	0.200	-5.7954	50.0
Fluoranthene-d10	1.210	1.435	0.400	18.6076	50.0
2-Methylnaphthalene-d10	0.650	0.672	0.300	3.4241	50.0

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.: BN061824 SAS No.: BN061824 SDG No.: BN061824

Instrument ID: BNA_N Calibration Date/Time: 6/18/2024 1:14:15

Lab File ID: BN032043.D Init. Calib. Date(s): _____

EPA Sample No.: SICV229 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.480	0.402	0.010	-16.2429	40.0
1,4-Dioxane-d8	0.429	0.390	0.010	-8.9375	40.0
Naphthalene	1.064	0.955	0.600	-10.1956	30.0
1-Methylnaphthalene	0.768	0.638	0.300	-16.8648	30.0
2-Methylnaphthalene	0.741	0.679	0.300	-8.3697	30.0
Acenaphthylene	1.707	1.639	0.900	-3.9868	30.0
Acenaphthene	1.276	1.155	0.500	-9.5119	30.0
Fluorene	1.558	1.402	0.700	-10.0192	30.0
Pentachlorophenol	0.094	0.071	0.010	-24.8853	50.0
Phenanthrene	1.128	0.980	0.300	-13.0741	30.0
Anthracene	1.015	0.918	0.400	-9.5964	30.0
Fluoranthene	1.474	1.271	0.400	-13.7497	30.0
Pyrene	1.543	1.339	0.500	-13.2204	30.0
Benzo (a) anthracene	1.534	1.257	0.400	-18.0818	30.0
Chrysene	1.530	1.249	0.400	-18.3146	30.0
Benzo (b) fluoranthene	1.757	1.379	0.200	-21.5525	30.0
Benzo (k) fluoranthene	1.687	1.323	0.200	-21.5904	30.0
Benzo (a) pyrene	1.249	1.178	0.200	-5.6157	30.0
Indeno (1,2,3-cd) pyrene	1.684	1.353	0.200	-19.6462	30.0
Dibenzo (a,h) anthracene	1.300	1.057	0.200	-18.7486	30.0
Benzo (g,h,i) perylene	1.339	1.050	0.200	-21.5827	30.0
Fluoranthene-d10	1.210	1.018	0.400	-15.837	30.0
2-Methylnaphthalene-d10	0.650	0.564	0.300	-13.2021	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BN061824
Lab Sample ID:	PB161389BL	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
BN032044.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	5.268		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.291		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10782		7.649			
1146-65-2	Naphthalene-d8	37794		10.426			
15067-26-2	Acenaphthene-d10	23735		14.29			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BN061824
Lab Sample ID:	PB161389BL	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
BN032044.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	57028	17.041				
1719-03-5	Chrysene-d12	50047	21.241				
1520-96-3	Perylene-d12	45743	23.468				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BN061824
Lab Sample ID:	PB161389BL	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
BN032046.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	5.384		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10397		7.65			
1146-65-2	Naphthalene-d8	35594		10.426			
15067-26-2	Acenaphthene-d10	22289		14.29			

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BN061824
Lab Sample ID:	PB161389BL	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
BN032046.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	49277	17.041				
1719-03-5	Chrysene-d12	37596	21.244				
1520-96-3	Perylene-d12	34033	23.468				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061824
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	67.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032047.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4	U	3.4	0	21	ug/Kg
91-20-3	Naphthalene	5.9	J	1.1	2.5	10	ug/Kg
90-12-0	1-Methylnaphthalene	3	J	2.6	2.5	10	ug/Kg
91-57-6	2-Methylnaphthalene	3.9	J	1	2.5	10	ug/Kg
208-96-8	Acenaphthylene	5.4	J	1.4	2.5	10	ug/Kg
83-32-9	Acenaphthene	16		1.2	2.5	10	ug/Kg
86-73-7	Fluorene	16		2.1	2.5	10	ug/Kg
87-86-5	Pentachlorophenol	4.3	U	4.3	5.2	21	ug/Kg
85-01-8	Phenanthrene	160	E	1.6	2.5	10	ug/Kg
120-12-7	Anthracene	33		1.6	2.5	10	ug/Kg
206-44-0	Fluoranthene	340	E	2.1	2.5	10	ug/Kg
129-00-0	Pyrene	200	E	1.6	2.5	10	ug/Kg
56-55-3	Benzo(a)anthracene	130		1.3	2.5	10	ug/Kg
218-01-9	Chrysene	140		1.3	2.5	10	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	E	0.65	2.5	10	ug/Kg
207-08-9	Benzo(k)fluoranthene	68		1.2	2.5	10	ug/Kg
50-32-8	Benzo(a)pyrene	77		1.1	2.5	10	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50		2.6	2.5	10	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	24		2.7	2.5	10	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		3	2.5	10	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.849		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.378		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11245		7.65			
1146-65-2	Naphthalene-d8	40482		10.426			
15067-26-2	Acenaphthene-d10	26304		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061824
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	67.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032047.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	61556	17.041				
1719-03-5	Chrysene-d12	46334	21.235				
1520-96-3	Perylene-d12	37101	23.462				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	3.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061824
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.4
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
BN032048.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	0.59	U	0.59	1.3	5.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	U	1.4	1.3	5.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.54	U	0.54	1.3	5.3	ug/Kg
208-96-8	Acenaphthylene	0.75	U	0.75	1.3	5.3	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.62	1.3	5.3	ug/Kg
86-73-7	Fluorene	1.1	J	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	12		0.81	1.3	5.3	ug/Kg
120-12-7	Anthracene	2.1	J	0.83	1.3	5.3	ug/Kg
206-44-0	Fluoranthene	18		1.1	1.3	5.3	ug/Kg
129-00-0	Pyrene	17		0.83	1.3	5.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.8		0.67	1.3	5.3	ug/Kg
218-01-9	Chrysene	8.8		0.67	1.3	5.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.34	1.3	5.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.3		0.62	1.3	5.3	ug/Kg
50-32-8	Benzo(a)pyrene	8		0.58	1.3	5.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.2	J	1.4	1.3	5.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	1.4	1.3	5.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5		1.6	1.3	5.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.539		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.171		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.15		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10676		7.649			
1146-65-2	Naphthalene-d8	37528		10.426			
15067-26-2	Acenaphthene-d10	24399		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061824
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.4
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
BN032048.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	55572	17.041				
1719-03-5	Chrysene-d12	42348	21.238				
1520-96-3	Perylene-d12	36811	23.459				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061824
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
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
BN032049.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	4.1	J	0.6	1.3	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	1.4	1.3	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	J	0.55	1.3	5.4	ug/Kg
208-96-8	Acenaphthylene	5.7		0.76	1.3	5.4	ug/Kg
83-32-9	Acenaphthene	6.7		0.63	1.3	5.4	ug/Kg
86-73-7	Fluorene	6.8		1.1	1.3	5.4	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	110	E	0.83	1.3	5.4	ug/Kg
120-12-7	Anthracene	18		0.85	1.3	5.4	ug/Kg
206-44-0	Fluoranthene	270	E	1.1	1.3	5.4	ug/Kg
129-00-0	Pyrene	160	E	0.85	1.3	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	98	E	0.68	1.3	5.4	ug/Kg
218-01-9	Chrysene	110	E	0.68	1.3	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.34	1.3	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	58		0.63	1.3	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	62		0.59	1.3	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.4	1.3	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		1.4	1.3	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.9		1.6	1.3	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.71		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.257		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10093		7.65			
1146-65-2	Naphthalene-d8	36640		10.426			
15067-26-2	Acenaphthene-d10	24170		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061824
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
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
BN032049.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	55877	17.041				
1719-03-5	Chrysene-d12	41286	21.235				
1520-96-3	Perylene-d12	32634	23.459				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061824
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.8
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
BN032050.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	11		0.59	1.3	5.3	ug/Kg
90-12-0	1-Methylnaphthalene	3.5	J	1.4	1.3	5.3	ug/Kg
91-57-6	2-Methylnaphthalene	4.8	J	0.55	1.3	5.3	ug/Kg
208-96-8	Acenaphthylene	6.9		0.76	1.3	5.3	ug/Kg
83-32-9	Acenaphthene	15		0.63	1.3	5.3	ug/Kg
86-73-7	Fluorene	16		1.1	1.3	5.3	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	200	E	0.82	1.3	5.3	ug/Kg
120-12-7	Anthracene	33		0.84	1.3	5.3	ug/Kg
206-44-0	Fluoranthene	420	E	1.1	1.3	5.3	ug/Kg
129-00-0	Pyrene	240	E	0.84	1.3	5.3	ug/Kg
56-55-3	Benzo(a)anthracene	150	E	0.68	1.3	5.3	ug/Kg
218-01-9	Chrysene	160	E	0.68	1.3	5.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	E	0.34	1.3	5.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	79		0.63	1.3	5.3	ug/Kg
50-32-8	Benzo(a)pyrene	86	E	0.58	1.3	5.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64		1.4	1.3	5.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30		1.4	1.3	5.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		1.6	1.3	5.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.137		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.361		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9558		7.649			
1146-65-2	Naphthalene-d8	34422		10.426			
15067-26-2	Acenaphthene-d10	21914		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061824
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.8
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
BN032050.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	47410	17.037				
1719-03-5	Chrysene-d12	30901	21.235				
1520-96-3	Perylene-d12	28251	23.459				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061824
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	60.4
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
BN032051.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.8	U	2.8	0	17	ug/Kg
91-20-3	Naphthalene	0.93	U	0.93	2.1	8.3	ug/Kg
90-12-0	1-Methylnaphthalene	2.1	U	2.1	2.1	8.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.86	U	0.86	2.1	8.3	ug/Kg
208-96-8	Acenaphthylene	1.2	U	1.2	2.1	8.3	ug/Kg
83-32-9	Acenaphthene	0.98	U	0.98	2.1	8.3	ug/Kg
86-73-7	Fluorene	1.7	U	1.7	2.1	8.3	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	4.2	17	ug/Kg
85-01-8	Phenanthrene	13		1.3	2.1	8.3	ug/Kg
120-12-7	Anthracene	2.3	J	1.3	2.1	8.3	ug/Kg
206-44-0	Fluoranthene	29		1.7	2.1	8.3	ug/Kg
129-00-0	Pyrene	23		1.3	2.1	8.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		1.1	2.1	8.3	ug/Kg
218-01-9	Chrysene	13		1.1	2.1	8.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.53	2.1	8.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.2	J	0.98	2.1	8.3	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.91	2.1	8.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.8		2.2	2.1	8.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.3	J	2.2	2.1	8.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		2.5	2.1	8.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.751		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.172		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11266		7.649			
1146-65-2	Naphthalene-d8	40737		10.426			
15067-26-2	Acenaphthene-d10	26783		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061824
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	60.4
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
BN032051.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	61409	17.041				
1719-03-5	Chrysene-d12	47412	21.235				
1520-96-3	Perylene-d12	37375	23.459				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061824
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50.2
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
BN032052.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2	U	2.2	0	13	ug/Kg
91-20-3	Naphthalene	1.7	J	0.74	1.7	6.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.7	U	1.7	1.7	6.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.68	U	0.68	1.7	6.6	ug/Kg
208-96-8	Acenaphthylene	2.4	J	0.94	1.7	6.6	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.78	1.7	6.6	ug/Kg
86-73-7	Fluorene	3.2	J	1.4	1.7	6.6	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	3.4	13	ug/Kg
85-01-8	Phenanthrene	34		1	1.7	6.6	ug/Kg
120-12-7	Anthracene	7		1	1.7	6.6	ug/Kg
206-44-0	Fluoranthene	63		1.4	1.7	6.6	ug/Kg
129-00-0	Pyrene	47		1	1.7	6.6	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.84	1.7	6.6	ug/Kg
218-01-9	Chrysene	26		0.84	1.7	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	35		0.42	1.7	6.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	14		0.78	1.7	6.6	ug/Kg
50-32-8	Benzo(a)pyrene	28		0.72	1.7	6.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.7	1.7	6.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.3	J	1.8	1.7	6.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		2	1.7	6.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.682		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.344		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11624		7.65			
1146-65-2	Naphthalene-d8	42241		10.426			
15067-26-2	Acenaphthene-d10	27726		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061824
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50.2
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
BN032052.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	64151	17.037				
1719-03-5	Chrysene-d12	46576	21.235				
1520-96-3	Perylene-d12	35862	23.459				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061824
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.2
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
BN032053.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	6.8		0.6	1.3	5.3	ug/Kg
90-12-0	1-Methylnaphthalene	3.8	J	1.4	1.3	5.3	ug/Kg
91-57-6	2-Methylnaphthalene	4.3	J	0.55	1.3	5.3	ug/Kg
208-96-8	Acenaphthylene	6.5		0.76	1.3	5.3	ug/Kg
83-32-9	Acenaphthene	17		0.63	1.3	5.3	ug/Kg
86-73-7	Fluorene	18		1.1	1.3	5.3	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	170	E	0.82	1.3	5.3	ug/Kg
120-12-7	Anthracene	33		0.84	1.3	5.3	ug/Kg
206-44-0	Fluoranthene	340	E	1.1	1.3	5.3	ug/Kg
129-00-0	Pyrene	210	E	0.84	1.3	5.3	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.68	1.3	5.3	ug/Kg
218-01-9	Chrysene	120	E	0.68	1.3	5.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.34	1.3	5.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	51		0.63	1.3	5.3	ug/Kg
50-32-8	Benzo(a)pyrene	61		0.58	1.3	5.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	1.3	5.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		1.4	1.3	5.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		1.6	1.3	5.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.282		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.227		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11559		7.65			
1146-65-2	Naphthalene-d8	42434		10.426			
15067-26-2	Acenaphthene-d10	27838		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061824
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.2
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
BN032053.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	67887	17.041				
1719-03-5	Chrysene-d12	40477	21.238				
1520-96-3	Perylene-d12	33706	23.462				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061824
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
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
BN032054.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

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	6.4		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	4	J	1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	4.8		0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	1.5	J	0.62	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	11		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	12		0.9	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	94	E	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	130	E	0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	96	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	46		0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	47		0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	49		0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	43		0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	19		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.4		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.974		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.387		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9742		7.65			
1146-65-2	Naphthalene-d8	35457		10.426			
15067-26-2	Acenaphthene-d10	23403		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061824
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
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
BN032054.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	55126	17.037				
1719-03-5	Chrysene-d12	37033	21.232				
1520-96-3	Perylene-d12	29228	23.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061824
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.1
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
BN032055.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4	U	2.4	0	15	ug/Kg
91-20-3	Naphthalene	2	J	0.82	1.8	7.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.9	U	1.9	1.8	7.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.75	U	0.75	1.8	7.3	ug/Kg
208-96-8	Acenaphthylene	2.4	J	1	1.8	7.3	ug/Kg
83-32-9	Acenaphthene	1.6	J	0.87	1.8	7.3	ug/Kg
86-73-7	Fluorene	1.5	U	1.5	1.8	7.3	ug/Kg
87-86-5	Pentachlorophenol	3.1	U	3.1	3.7	15	ug/Kg
85-01-8	Phenanthrene	22		1.1	1.8	7.3	ug/Kg
120-12-7	Anthracene	4.1	J	1.2	1.8	7.3	ug/Kg
206-44-0	Fluoranthene	56		1.5	1.8	7.3	ug/Kg
129-00-0	Pyrene	45		1.2	1.8	7.3	ug/Kg
56-55-3	Benzo(a)anthracene	21		0.93	1.8	7.3	ug/Kg
218-01-9	Chrysene	25		0.93	1.8	7.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	33		0.47	1.8	7.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.87	1.8	7.3	ug/Kg
50-32-8	Benzo(a)pyrene	26		0.8	1.8	7.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		1.9	1.8	7.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.5	J	2	1.8	7.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	21		2.2	1.8	7.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.986		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.188		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11020		7.65			
1146-65-2	Naphthalene-d8	39218		10.426			
15067-26-2	Acenaphthene-d10	24260		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061824
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	55.1
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
BN032055.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	50398	17.037				
1719-03-5	Chrysene-d12	36090	21.232				
1520-96-3	Perylene-d12	33381	23.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061824
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032056.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2	U	2.2	0	13	ug/Kg
91-20-3	Naphthalene	29		0.74	1.7	6.6	ug/Kg
90-12-0	1-Methylnaphthalene	38		1.7	1.7	6.6	ug/Kg
91-57-6	2-Methylnaphthalene	32		0.68	1.7	6.6	ug/Kg
208-96-8	Acenaphthylene	15		0.95	1.7	6.6	ug/Kg
83-32-9	Acenaphthene	200	E	0.79	1.7	6.6	ug/Kg
86-73-7	Fluorene	190	E	1.4	1.7	6.6	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	3.4	13	ug/Kg
85-01-8	Phenanthrene	2100	E	1	1.7	6.6	ug/Kg
120-12-7	Anthracene	340	E	1	1.7	6.6	ug/Kg
206-44-0	Fluoranthene	2000	E	1.4	1.7	6.6	ug/Kg
129-00-0	Pyrene	1800	E	1	1.7	6.6	ug/Kg
56-55-3	Benzo(a)anthracene	840	E	0.85	1.7	6.6	ug/Kg
218-01-9	Chrysene	900	E	0.85	1.7	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	E	0.42	1.7	6.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.79	1.7	6.6	ug/Kg
50-32-8	Benzo(a)pyrene	330	E	0.72	1.7	6.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	1.7	1.7	6.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80		1.8	1.7	6.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		2	1.7	6.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.506		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.348		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8442		7.649			
1146-65-2	Naphthalene-d8	30012		10.425			
15067-26-2	Acenaphthene-d10	19825		14.289			

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061824
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032056.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	44419	17.04				
1719-03-5	Chrysene-d12	30888	21.233				
1520-96-3	Perylene-d12	33349	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061824
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.2
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
BN032057.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	1.7	J	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	J	0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	2.9	J	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	4.2		0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	4.6		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	50		0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	10		0.56	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	90	E	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	76	E	0.56	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	48		0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	46		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	53		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	20		0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	50		0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		0.93	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.5		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.413		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.293		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8797		7.649			
1146-65-2	Naphthalene-d8	31117		10.426			
15067-26-2	Acenaphthene-d10	19955		14.29			

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061824
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.2
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
BN032057.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	46266	17.037				
1719-03-5	Chrysene-d12	37084	21.232				
1520-96-3	Perylene-d12	29952	23.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B90	SDG No.:	BN061824
Lab Sample ID:	P2696-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.2
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
BN032058.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	12	ug/Kg
91-20-3	Naphthalene	22		0.66	1.5	5.9	ug/Kg
90-12-0	1-Methylnaphthalene	14		1.5	1.5	5.9	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.61	1.5	5.9	ug/Kg
208-96-8	Acenaphthylene	31		0.84	1.5	5.9	ug/Kg
83-32-9	Acenaphthene	41		0.7	1.5	5.9	ug/Kg
86-73-7	Fluorene	55		1.2	1.5	5.9	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	3	12	ug/Kg
85-01-8	Phenanthrene	610	E	0.91	1.5	5.9	ug/Kg
120-12-7	Anthracene	110	E	0.93	1.5	5.9	ug/Kg
206-44-0	Fluoranthene	1300	E	1.2	1.5	5.9	ug/Kg
129-00-0	Pyrene	870	E	0.93	1.5	5.9	ug/Kg
56-55-3	Benzo(a)anthracene	500	E	0.75	1.5	5.9	ug/Kg
218-01-9	Chrysene	530	E	0.75	1.5	5.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	570	E	0.38	1.5	5.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	E	0.7	1.5	5.9	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.64	1.5	5.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	1.5	1.5	5.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85		1.6	1.5	5.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32		1.8	1.5	5.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.778		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.405		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9825		7.645			
1146-65-2	Naphthalene-d8	34636		10.426			
15067-26-2	Acenaphthene-d10	22314		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B90	SDG No.:	BN061824
Lab Sample ID:	P2696-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	44.2
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
BN032058.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	54161	17.037				
1719-03-5	Chrysene-d12	31192	21.232				
1520-96-3	Perylene-d12	28499	23.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061824
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.1
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
BN032059.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3	U	3	0	18	ug/Kg
91-20-3	Naphthalene	5.3	J	1	2.2	8.9	ug/Kg
90-12-0	1-Methylnaphthalene	2.3	U	2.3	2.2	8.9	ug/Kg
91-57-6	2-Methylnaphthalene	2.5	J	0.92	2.2	8.9	ug/Kg
208-96-8	Acenaphthylene	9		1.3	2.2	8.9	ug/Kg
83-32-9	Acenaphthene	7	J	1.1	2.2	8.9	ug/Kg
86-73-7	Fluorene	7.3	J	1.8	2.2	8.9	ug/Kg
87-86-5	Pentachlorophenol	3.8	U	3.8	4.5	18	ug/Kg
85-01-8	Phenanthrene	120		1.4	2.2	8.9	ug/Kg
120-12-7	Anthracene	19		1.4	2.2	8.9	ug/Kg
206-44-0	Fluoranthene	320	E	1.8	2.2	8.9	ug/Kg
129-00-0	Pyrene	200	E	1.4	2.2	8.9	ug/Kg
56-55-3	Benzo(a)anthracene	120		1.1	2.2	8.9	ug/Kg
218-01-9	Chrysene	150	E	1.1	2.2	8.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	0.57	2.2	8.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	77		1.1	2.2	8.9	ug/Kg
50-32-8	Benzo(a)pyrene	83		0.97	2.2	8.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64		2.3	2.2	8.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27		2.4	2.2	8.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		2.6	2.2	8.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.387		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.238		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9331		7.645			
1146-65-2	Naphthalene-d8	33354		10.426			
15067-26-2	Acenaphthene-d10	21554		14.29			

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061824
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	63.1
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
BN032059.D	1	6/7/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	48742	17.037				
1719-03-5	Chrysene-d12	38075	21.232				
1520-96-3	Perylene-d12	30967	23.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061824
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45.3
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
BN032060.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2	U	2	0	12	ug/Kg
91-20-3	Naphthalene	2.1	J	0.68	1.5	6	ug/Kg
90-12-0	1-Methylnaphthalene	1.6	U	1.6	1.5	6	ug/Kg
91-57-6	2-Methylnaphthalene	0.62	U	0.62	1.5	6	ug/Kg
208-96-8	Acenaphthylene	4.9	J	0.86	1.5	6	ug/Kg
83-32-9	Acenaphthene	2.7	J	0.71	1.5	6	ug/Kg
86-73-7	Fluorene	2.9	J	1.2	1.5	6	ug/Kg
87-86-5	Pentachlorophenol	2.6	U	2.6	3.1	12	ug/Kg
85-01-8	Phenanthrene	47		0.93	1.5	6	ug/Kg
120-12-7	Anthracene	8.4		0.95	1.5	6	ug/Kg
206-44-0	Fluoranthene	130	E	1.2	1.5	6	ug/Kg
129-00-0	Pyrene	98	E	0.95	1.5	6	ug/Kg
56-55-3	Benzo(a)anthracene	48		0.77	1.5	6	ug/Kg
218-01-9	Chrysene	58		0.77	1.5	6	ug/Kg
205-99-2	Benzo(b)fluoranthene	77		0.38	1.5	6	ug/Kg
207-08-9	Benzo(k)fluoranthene	30		0.71	1.5	6	ug/Kg
50-32-8	Benzo(a)pyrene	60		0.66	1.5	6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.6	1.5	6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		1.6	1.5	6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43		1.8	1.5	6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.412		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.188		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8892		7.645			
1146-65-2	Naphthalene-d8	31519		10.426			
15067-26-2	Acenaphthene-d10	19872		14.29			

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061824
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45.3
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
BN032060.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	44461	17.037				
1719-03-5	Chrysene-d12	33804	21.229				
1520-96-3	Perylene-d12	26832	23.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BN061824
Lab Sample ID:	PB161389BS	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
BN032061.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	13		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	13		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	13		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	12		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	18		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	13		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	13		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	15		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	15		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	14		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	13		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.718		15-120		90	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		20-140		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7089	7.65				
1146-65-2	Naphthalene-d8	25543	10.425				
15067-26-2	Acenaphthene-d10	16868	14.289				

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SLCS389	SDG No.:	BN061824
Lab Sample ID:	PB161389BS	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
BN032061.D	1	6/7/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	35593	17.04				
1719-03-5	Chrysene-d12	26170	21.231				
1520-96-3	Perylene-d12	22137	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BJ1								
P2696-01	A4BJ1	Solid	Total Alkanes	*	0.000	2.2	13	ug/Kg
			Total Tics :			0.00		
P2696-01	A4BJ1	Solid	1-Methylnaphthalene	38.000	1.7		6.6	ug/Kg
P2696-01	A4BJ1	Solid	2-Methylnaphthalene	32.000	0.68		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Acenaphthene	200.000	E 0.79		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Acenaphthylene	15.000	0.95		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Anthracene	340.000	E 1		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Benzo(a)anthracene	840.000	E 0.85		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Benzo(a)pyrene	330.000	E 0.72		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Benzo(b)fluoranthene	590.000	E 0.42		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Benzo(g,h,i)perylene	29.000	2		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Benzo(k)fluoranthene	200.000	E 0.79		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Chrysene	900.000	E 0.85		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Dibenzo(a,h)anthracene	80.000	1.8		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Fluoranthene	2,000.000	E 1.4		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Fluorene	190.000	E 1.4		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Indeno(1,2,3-cd)pyrene	160.000	E 1.7		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Naphthalene	29.000	0.74		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Phenanthrene	2,100.000	E 1		6.6	ug/Kg
P2696-01	A4BJ1	Solid	Pyrene	1,800.000	E 1		6.6	ug/Kg
			Total Svoc :			9,873.00		
			Total Concentration:			9,873.00		
Client ID : A4BK4								
P2696-02	A4BK4	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
			Total Tics :			0.00		
P2696-02	A4BK4	Solid	1-Methylnaphthalene	0.980	J 0.92		3.6	ug/Kg
P2696-02	A4BK4	Solid	2-Methylnaphthalene	1.200	J 0.37		3.6	ug/Kg
P2696-02	A4BK4	Solid	Acenaphthene	4.200	0.42		3.6	ug/Kg
P2696-02	A4BK4	Solid	Acenaphthylene	2.900	J 0.51		3.6	ug/Kg
P2696-02	A4BK4	Solid	Anthracene	10.000	0.56		3.6	ug/Kg
P2696-02	A4BK4	Solid	Benzo(a)anthracene	48.000	0.46		3.6	ug/Kg
P2696-02	A4BK4	Solid	Benzo(a)pyrene	50.000	0.39		3.6	ug/Kg
P2696-02	A4BK4	Solid	Benzo(b)fluoranthene	53.000	0.23		3.6	ug/Kg
P2696-02	A4BK4	Solid	Benzo(g,h,i)perylene	25.000	1.1		3.6	ug/Kg
P2696-02	A4BK4	Solid	Benzo(k)fluoranthene	20.000	0.42		3.6	ug/Kg
P2696-02	A4BK4	Solid	Chrysene	46.000	0.46		3.6	ug/Kg
P2696-02	A4BK4	Solid	Dibenzo(a,h)anthracene	7.500	0.97		3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-02	A4BK4	Solid	Fluoranthene	90.000	E	0.74	3.6	ug/Kg
P2696-02	A4BK4	Solid	Fluorene	4.600		0.74	3.6	ug/Kg
P2696-02	A4BK4	Solid	Indeno(1,2,3-cd)pyrene	21.000		0.93	3.6	ug/Kg
P2696-02	A4BK4	Solid	Naphthalene	1.700	J	0.4	3.6	ug/Kg
P2696-02	A4BK4	Solid	Phenanthrene	50.000		0.55	3.6	ug/Kg
P2696-02	A4BK4	Solid	Pyrene	76.000	E	0.56	3.6	ug/Kg
Total Svoc :				512.08				
Total Concentration:				512.08				
Client ID : A4BN1								
P2696-04	A4BN1	Solid	Total Alkanes	*	0.000	2	12	ug/Kg
Total Tics :				0.00				
P2696-04	A4BN1	Solid	Acenaphthene	2.700	J	0.71	6	ug/Kg
P2696-04	A4BN1	Solid	Acenaphthylene	4.900	J	0.86	6	ug/Kg
P2696-04	A4BN1	Solid	Anthracene	8.400		0.95	6	ug/Kg
P2696-04	A4BN1	Solid	Benzo(a)anthracene	48.000		0.77	6	ug/Kg
P2696-04	A4BN1	Solid	Benzo(a)pyrene	60.000		0.66	6	ug/Kg
P2696-04	A4BN1	Solid	Benzo(b)fluoranthene	77.000		0.38	6	ug/Kg
P2696-04	A4BN1	Solid	Benzo(g,h,i)perylene	43.000		1.8	6	ug/Kg
P2696-04	A4BN1	Solid	Benzo(k)fluoranthene	30.000		0.71	6	ug/Kg
P2696-04	A4BN1	Solid	Chrysene	58.000		0.77	6	ug/Kg
P2696-04	A4BN1	Solid	Dibenzo(a,h)anthracene	11.000		1.6	6	ug/Kg
P2696-04	A4BN1	Solid	Fluoranthene	130.000	E	1.2	6	ug/Kg
P2696-04	A4BN1	Solid	Fluorene	2.900	J	1.2	6	ug/Kg
P2696-04	A4BN1	Solid	Indeno(1,2,3-cd)pyrene	34.000		1.6	6	ug/Kg
P2696-04	A4BN1	Solid	Naphthalene	2.100	J	0.68	6	ug/Kg
P2696-04	A4BN1	Solid	Phenanthrene	47.000		0.93	6	ug/Kg
P2696-04	A4BN1	Solid	Pyrene	98.000	E	0.95	6	ug/Kg
Total Svoc :				657.00				
Total Concentration:				657.00				
Client ID : A4BN2								
P2696-05	A4BN2	Solid	Total Alkanes	*	0.000	2.2	13	ug/Kg
Total Tics :				0.00				
P2696-05	A4BN2	Solid	Acenaphthene	2.300	J	0.78	6.6	ug/Kg
P2696-05	A4BN2	Solid	Acenaphthylene	2.400	J	0.94	6.6	ug/Kg
P2696-05	A4BN2	Solid	Anthracene	7.000		1	6.6	ug/Kg
P2696-05	A4BN2	Solid	Benzo(a)anthracene	24.000		0.84	6.6	ug/Kg
P2696-05	A4BN2	Solid	Benzo(a)pyrene	28.000		0.72	6.6	ug/Kg
P2696-05	A4BN2	Solid	Benzo(b)fluoranthene	35.000		0.42	6.6	ug/Kg
P2696-05	A4BN2	Solid	Benzo(g,h,i)perylene	19.000		2	6.6	ug/Kg
P2696-05	A4BN2	Solid	Benzo(k)fluoranthene	14.000		0.78	6.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-05	A4BN2	Solid	Chrysene	26.000		0.84	6.6	ug/Kg
P2696-05	A4BN2	Solid	Dibenzo(a,h)anthracene	5.300	J	1.8	6.6	ug/Kg
P2696-05	A4BN2	Solid	Fluoranthene	63.000		1.4	6.6	ug/Kg
P2696-05	A4BN2	Solid	Fluorene	3.200	J	1.4	6.6	ug/Kg
P2696-05	A4BN2	Solid	Indeno(1,2,3-cd)pyrene	15.000		1.7	6.6	ug/Kg
P2696-05	A4BN2	Solid	Naphthalene	1.700	J	0.74	6.6	ug/Kg
P2696-05	A4BN2	Solid	Phenanthrene	34.000		1	6.6	ug/Kg
P2696-05	A4BN2	Solid	Pyrene	47.000		1	6.6	ug/Kg

Total Svoc :

326.90

Total Concentration:

326.90

Client ID : A4BN4

P2696-06	A4BN4	Solid	Total Alkanes	*	0.000	3.4	21	ug/Kg
----------	-------	-------	---------------	---	-------	-----	----	-------

Total Tics :

0.00

P2696-06	A4BN4	Solid	1-Methylnaphthalene		3.000	J	2.6	10	ug/Kg
P2696-06	A4BN4	Solid	2-Methylnaphthalene		3.900	J	1	10	ug/Kg
P2696-06	A4BN4	Solid	Acenaphthene		16.000		1.2	10	ug/Kg
P2696-06	A4BN4	Solid	Acenaphthylene		5.400	J	1.4	10	ug/Kg
P2696-06	A4BN4	Solid	Anthracene		33.000		1.6	10	ug/Kg
P2696-06	A4BN4	Solid	Benzo(a)anthracene		130.000		1.3	10	ug/Kg
P2696-06	A4BN4	Solid	Benzo(a)pyrene		77.000		1.1	10	ug/Kg
P2696-06	A4BN4	Solid	Benzo(b)fluoranthene		180.000	E	0.65	10	ug/Kg
P2696-06	A4BN4	Solid	Benzo(g,h,i)perylene		11.000		3	10	ug/Kg
P2696-06	A4BN4	Solid	Benzo(k)fluoranthene		68.000		1.2	10	ug/Kg
P2696-06	A4BN4	Solid	Chrysene		140.000		1.3	10	ug/Kg
P2696-06	A4BN4	Solid	Dibenzo(a,h)anthracene		24.000		2.7	10	ug/Kg
P2696-06	A4BN4	Solid	Fluoranthene		340.000	E	2.1	10	ug/Kg
P2696-06	A4BN4	Solid	Fluorene		16.000		2.1	10	ug/Kg
P2696-06	A4BN4	Solid	Indeno(1,2,3-cd)pyrene		50.000		2.6	10	ug/Kg
P2696-06	A4BN4	Solid	Naphthalene		5.900	J	1.1	10	ug/Kg
P2696-06	A4BN4	Solid	Phenanthrene		160.000	E	1.6	10	ug/Kg
P2696-06	A4BN4	Solid	Pyrene		200.000	E	1.6	10	ug/Kg

Total Svoc :

1,463.20

Total Concentration:

1,463.20

Client ID : A4BN5

P2696-07	A4BN5	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
----------	-------	-------	---------------	---	-------	-----	----	-------

Total Tics :

0.00

P2696-07	A4BN5	Solid	Acenaphthene		1.100	J	0.62	5.3	ug/Kg
P2696-07	A4BN5	Solid	Anthracene		2.100	J	0.83	5.3	ug/Kg
P2696-07	A4BN5	Solid	Benzo(a)anthracene		6.800		0.67	5.3	ug/Kg
P2696-07	A4BN5	Solid	Benzo(a)pyrene		8.000		0.58	5.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-07	A4BN5	Solid	Benzo(b)fluoranthene	11.000		0.34	5.3	ug/Kg
P2696-07	A4BN5	Solid	Benzo(g,h,i)perylene	6.500		1.6	5.3	ug/Kg
P2696-07	A4BN5	Solid	Benzo(k)fluoranthene	5.300		0.62	5.3	ug/Kg
P2696-07	A4BN5	Solid	Chrysene	8.800		0.67	5.3	ug/Kg
P2696-07	A4BN5	Solid	Dibenzo(a,h)anthracene	2.100	J	1.4	5.3	ug/Kg
P2696-07	A4BN5	Solid	Fluoranthene	18.000		1.1	5.3	ug/Kg
P2696-07	A4BN5	Solid	Fluorene	1.100	J	1.1	5.3	ug/Kg
P2696-07	A4BN5	Solid	Indeno(1,2,3-cd)pyrene	5.200	J	1.4	5.3	ug/Kg
P2696-07	A4BN5	Solid	Phenanthrene	12.000		0.81	5.3	ug/Kg
P2696-07	A4BN5	Solid	Pyrene	17.000		0.83	5.3	ug/Kg
Total Svoc :				105.00				
Total Concentration:				105.00				
Client ID : A4BN8								
P2696-11	A4BN8	Solid	Total Alkanes	*	0.000	2.4	15	ug/Kg
Total Tics :				0.00				
P2696-11	A4BN8	Solid	Acenaphthene	1.600	J	0.87	7.3	ug/Kg
P2696-11	A4BN8	Solid	Acenaphthylene	2.400	J	1	7.3	ug/Kg
P2696-11	A4BN8	Solid	Anthracene	4.100	J	1.2	7.3	ug/Kg
P2696-11	A4BN8	Solid	Benzo(a)anthracene	21.000		0.93	7.3	ug/Kg
P2696-11	A4BN8	Solid	Benzo(a)pyrene	26.000		0.8	7.3	ug/Kg
P2696-11	A4BN8	Solid	Benzo(b)fluoranthene	33.000		0.47	7.3	ug/Kg
P2696-11	A4BN8	Solid	Benzo(g,h,i)perylene	21.000		2.2	7.3	ug/Kg
P2696-11	A4BN8	Solid	Benzo(k)fluoranthene	12.000		0.87	7.3	ug/Kg
P2696-11	A4BN8	Solid	Chrysene	25.000		0.93	7.3	ug/Kg
P2696-11	A4BN8	Solid	Dibenzo(a,h)anthracene	5.500	J	2	7.3	ug/Kg
P2696-11	A4BN8	Solid	Fluoranthene	56.000		1.5	7.3	ug/Kg
P2696-11	A4BN8	Solid	Indeno(1,2,3-cd)pyrene	16.000		1.9	7.3	ug/Kg
P2696-11	A4BN8	Solid	Naphthalene	2.000	J	0.82	7.3	ug/Kg
P2696-11	A4BN8	Solid	Phenanthrene	22.000		1.1	7.3	ug/Kg
P2696-11	A4BN8	Solid	Pyrene	45.000		1.2	7.3	ug/Kg
Total Svoc :				292.60				
Total Concentration:				292.60				
Client ID : A4BN9								
P2696-12	A4BN9	Solid	Total Alkanes	*	0.000	2.8	17	ug/Kg
Total Tics :				0.00				
P2696-12	A4BN9	Solid	Anthracene	2.300	J	1.3	8.3	ug/Kg
P2696-12	A4BN9	Solid	Benzo(a)anthracene	11.000		1.1	8.3	ug/Kg
P2696-12	A4BN9	Solid	Benzo(a)pyrene	14.000		0.91	8.3	ug/Kg
P2696-12	A4BN9	Solid	Benzo(b)fluoranthene	19.000		0.53	8.3	ug/Kg
P2696-12	A4BN9	Solid	Benzo(g,h,i)perylene	10.000		2.5	8.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-12	A4BN9	Solid	Benzo(k)fluoranthene	8.200	J	0.98	8.3	ug/Kg
P2696-12	A4BN9	Solid	Chrysene	13.000		1.1	8.3	ug/Kg
P2696-12	A4BN9	Solid	Dibenzo(a,h)anthracene	3.300	J	2.2	8.3	ug/Kg
P2696-12	A4BN9	Solid	Fluoranthene	29.000		1.7	8.3	ug/Kg
P2696-12	A4BN9	Solid	Indeno(1,2,3-cd)pyrene	8.800		2.2	8.3	ug/Kg
P2696-12	A4BN9	Solid	Phenanthrene	13.000		1.3	8.3	ug/Kg
P2696-12	A4BN9	Solid	Pyrene	23.000		1.3	8.3	ug/Kg
Total Svoc :				154.60				
Total Concentration:				154.60				

Client ID : A4B90

P2696-21	A4B90	Solid	Total Alkanes	*	0.000	2	12	ug/Kg
Total Tics :				0.00				
P2696-21	A4B90	Solid	1-Methylnaphthalene		14.000	1.5	5.9	ug/Kg
P2696-21	A4B90	Solid	2-Methylnaphthalene		16.000	0.61	5.9	ug/Kg
P2696-21	A4B90	Solid	Acenaphthene		41.000	0.7	5.9	ug/Kg
P2696-21	A4B90	Solid	Acenaphthylene		31.000	0.84	5.9	ug/Kg
P2696-21	A4B90	Solid	Anthracene		110.000	E 0.93	5.9	ug/Kg
P2696-21	A4B90	Solid	Benzo(a)anthracene		500.000	E 0.75	5.9	ug/Kg
P2696-21	A4B90	Solid	Benzo(a)pyrene		270.000	E 0.64	5.9	ug/Kg
P2696-21	A4B90	Solid	Benzo(b)fluoranthene		570.000	E 0.38	5.9	ug/Kg
P2696-21	A4B90	Solid	Benzo(g,h,i)perylene		32.000	1.8	5.9	ug/Kg
P2696-21	A4B90	Solid	Benzo(k)fluoranthene		220.000	E 0.7	5.9	ug/Kg
P2696-21	A4B90	Solid	Chrysene		530.000	E 0.75	5.9	ug/Kg
P2696-21	A4B90	Solid	Dibenzo(a,h)anthracene		85.000	1.6	5.9	ug/Kg
P2696-21	A4B90	Solid	Fluoranthene		1,300.000	E 1.2	5.9	ug/Kg
P2696-21	A4B90	Solid	Fluorene		55.000	1.2	5.9	ug/Kg
P2696-21	A4B90	Solid	Indeno(1,2,3-cd)pyrene		180.000	E 1.5	5.9	ug/Kg
P2696-21	A4B90	Solid	Naphthalene		22.000	0.66	5.9	ug/Kg
P2696-21	A4B90	Solid	Phenanthrene		610.000	E 0.91	5.9	ug/Kg
P2696-21	A4B90	Solid	Pyrene		870.000	E 0.93	5.9	ug/Kg
Total Svoc :				5,456.00				
Total Concentration:				5,456.00				

Client ID : A4B91

P2696-22	A4B91	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P2696-22	A4B91	Solid	1-Methylnaphthalene	J	3.800	1.4	5.3	ug/Kg
P2696-22	A4B91	Solid	2-Methylnaphthalene	J	4.300	0.55	5.3	ug/Kg
P2696-22	A4B91	Solid	Acenaphthene		17.000	0.63	5.3	ug/Kg
P2696-22	A4B91	Solid	Acenaphthylene		6.500	0.76	5.3	ug/Kg
P2696-22	A4B91	Solid	Anthracene		33.000	0.84	5.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-22	A4B91	Solid	Benzo(a)anthracene	130.000	E	0.68	5.3	ug/Kg
P2696-22	A4B91	Solid	Benzo(a)pyrene	61.000		0.58	5.3	ug/Kg
P2696-22	A4B91	Solid	Benzo(b)fluoranthene	130.000	E	0.34	5.3	ug/Kg
P2696-22	A4B91	Solid	Benzo(g,h,i)perylene	7.100		1.6	5.3	ug/Kg
P2696-22	A4B91	Solid	Benzo(k)fluoranthene	51.000		0.63	5.3	ug/Kg
P2696-22	A4B91	Solid	Chrysene	120.000	E	0.68	5.3	ug/Kg
P2696-22	A4B91	Solid	Dibenzo(a,h)anthracene	19.000		1.4	5.3	ug/Kg
P2696-22	A4B91	Solid	Fluoranthene	340.000	E	1.1	5.3	ug/Kg
P2696-22	A4B91	Solid	Fluorene	18.000		1.1	5.3	ug/Kg
P2696-22	A4B91	Solid	Indeno(1,2,3-cd)pyrene	37.000		1.4	5.3	ug/Kg
P2696-22	A4B91	Solid	Naphthalene	6.800		0.6	5.3	ug/Kg
P2696-22	A4B91	Solid	Phenanthrene	170.000	E	0.82	5.3	ug/Kg
P2696-22	A4B91	Solid	Pyrene	210.000	E	0.84	5.3	ug/Kg

Total Svoc : 1,364.50

Total Concentration: 1,364.50

Client ID : A4B92

P2696-23	A4B92	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
Total Tics :					0.00			
P2696-23	A4B92	Solid	1-Methylnaphthalene		4.000	J 1.1	4.4	ug/Kg
P2696-23	A4B92	Solid	2-Methylnaphthalene		4.800		4.4	ug/Kg
P2696-23	A4B92	Solid	Acenaphthene		11.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Acenaphthylene		1.500	J 0.62	4.4	ug/Kg
P2696-23	A4B92	Solid	Anthracene		15.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Benzo(a)anthracene		46.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Benzo(a)pyrene		43.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Benzo(b)fluoranthene		49.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Benzo(g,h,i)perylene		23.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Benzo(k)fluoranthene		21.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Chrysene		47.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Dibenzo(a,h)anthracene		7.400		4.4	ug/Kg
P2696-23	A4B92	Solid	Fluoranthene		130.000	E 0.9	4.4	ug/Kg
P2696-23	A4B92	Solid	Fluorene		12.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Indeno(1,2,3-cd)pyrene		19.000		4.4	ug/Kg
P2696-23	A4B92	Solid	Naphthalene		6.400		4.4	ug/Kg
P2696-23	A4B92	Solid	Phenanthrene		94.000	E 0.68	4.4	ug/Kg
P2696-23	A4B92	Solid	Pyrene		96.000	E 0.69	4.4	ug/Kg

Total Svoc : 630.10

Total Concentration: 630.10

Client ID : A4BM5

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-24	A4BM5	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P2696-24	A4BM5	Solid	1-Methylnaphthalene		1.800	J 1.4	5.4	ug/Kg
P2696-24	A4BM5	Solid	2-Methylnaphthalene		2.100	J 0.55	5.4	ug/Kg
P2696-24	A4BM5	Solid	Acenaphthene		6.700	0.63	5.4	ug/Kg
P2696-24	A4BM5	Solid	Acenaphthylene		5.700	0.76	5.4	ug/Kg
P2696-24	A4BM5	Solid	Anthracene		18.000	0.85	5.4	ug/Kg
P2696-24	A4BM5	Solid	Benzo(a)anthracene		98.000	E 0.68	5.4	ug/Kg
P2696-24	A4BM5	Solid	Benzo(a)pyrene		62.000	0.59	5.4	ug/Kg
P2696-24	A4BM5	Solid	Benzo(b)fluoranthene		140.000	E 0.34	5.4	ug/Kg
P2696-24	A4BM5	Solid	Benzo(g,h,i)perylene		7.900	1.6	5.4	ug/Kg
P2696-24	A4BM5	Solid	Benzo(k)fluoranthene		58.000	0.63	5.4	ug/Kg
P2696-24	A4BM5	Solid	Chrysene		110.000	E 0.68	5.4	ug/Kg
P2696-24	A4BM5	Solid	Dibenzo(a,h)anthracene		19.000	1.4	5.4	ug/Kg
P2696-24	A4BM5	Solid	Fluoranthene		270.000	E 1.1	5.4	ug/Kg
P2696-24	A4BM5	Solid	Fluorene		6.800	1.1	5.4	ug/Kg
P2696-24	A4BM5	Solid	Indeno(1,2,3-cd)pyrene		42.000	1.4	5.4	ug/Kg
P2696-24	A4BM5	Solid	Naphthalene		4.100	J 0.6	5.4	ug/Kg
P2696-24	A4BM5	Solid	Phenanthrene		110.000	E 0.83	5.4	ug/Kg
P2696-24	A4BM5	Solid	Pyrene		160.000	E 0.85	5.4	ug/Kg
Total Svoc :				1,122.10				
Total Concentration:				1,122.10				
Client ID : A4BM6								
P2696-25	A4BM6	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P2696-25	A4BM6	Solid	1-Methylnaphthalene		3.500	J 1.4	5.3	ug/Kg
P2696-25	A4BM6	Solid	2-Methylnaphthalene		4.800	J 0.55	5.3	ug/Kg
P2696-25	A4BM6	Solid	Acenaphthene		15.000	0.63	5.3	ug/Kg
P2696-25	A4BM6	Solid	Acenaphthylene		6.900	0.76	5.3	ug/Kg
P2696-25	A4BM6	Solid	Anthracene		33.000	0.84	5.3	ug/Kg
P2696-25	A4BM6	Solid	Benzo(a)anthracene		150.000	E 0.68	5.3	ug/Kg
P2696-25	A4BM6	Solid	Benzo(a)pyrene		86.000	E 0.58	5.3	ug/Kg
P2696-25	A4BM6	Solid	Benzo(b)fluoranthene		190.000	E 0.34	5.3	ug/Kg
P2696-25	A4BM6	Solid	Benzo(g,h,i)perylene		12.000	1.6	5.3	ug/Kg
P2696-25	A4BM6	Solid	Benzo(k)fluoranthene		79.000	0.63	5.3	ug/Kg
P2696-25	A4BM6	Solid	Chrysene		160.000	E 0.68	5.3	ug/Kg
P2696-25	A4BM6	Solid	Dibenzo(a,h)anthracene		30.000	1.4	5.3	ug/Kg
P2696-25	A4BM6	Solid	Fluoranthene		420.000	E 1.1	5.3	ug/Kg
P2696-25	A4BM6	Solid	Fluorene		16.000	1.1	5.3	ug/Kg
P2696-25	A4BM6	Solid	Indeno(1,2,3-cd)pyrene		64.000	1.4	5.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-25	A4BM6	Solid	Naphthalene	11.000		0.59	5.3	ug/Kg
P2696-25	A4BM6	Solid	Phenanthrene	200.000	E	0.82	5.3	ug/Kg
P2696-25	A4BM6	Solid	Pyrene	240.000	E	0.84	5.3	ug/Kg
Total Svoc :				1,721.20				
Total Concentration:				1,721.20				
Client ID : A4BP0								
P2696-26	A4BP0	Solid	Total Alkanes	*	0.000	3	18	ug/Kg
Total Tics :				0.00				
P2696-26	A4BP0	Solid	2-Methylnaphthalene	2.500	J	0.92	8.9	ug/Kg
P2696-26	A4BP0	Solid	Acenaphthene	7.000	J	1.1	8.9	ug/Kg
P2696-26	A4BP0	Solid	Acenaphthylene	9.000		1.3	8.9	ug/Kg
P2696-26	A4BP0	Solid	Anthracene	19.000		1.4	8.9	ug/Kg
P2696-26	A4BP0	Solid	Benzo(a)anthracene	120.000		1.1	8.9	ug/Kg
P2696-26	A4BP0	Solid	Benzo(a)pyrene	83.000		0.97	8.9	ug/Kg
P2696-26	A4BP0	Solid	Benzo(b)fluoranthene	200.000	E	0.57	8.9	ug/Kg
P2696-26	A4BP0	Solid	Benzo(g,h,i)perylene	13.000		2.6	8.9	ug/Kg
P2696-26	A4BP0	Solid	Benzo(k)fluoranthene	77.000		1.1	8.9	ug/Kg
P2696-26	A4BP0	Solid	Chrysene	150.000	E	1.1	8.9	ug/Kg
P2696-26	A4BP0	Solid	Dibenzo(a,h)anthracene	27.000		2.4	8.9	ug/Kg
P2696-26	A4BP0	Solid	Fluoranthene	320.000	E	1.8	8.9	ug/Kg
P2696-26	A4BP0	Solid	Fluorene	7.300	J	1.8	8.9	ug/Kg
P2696-26	A4BP0	Solid	Indeno(1,2,3-cd)pyrene	64.000		2.3	8.9	ug/Kg
P2696-26	A4BP0	Solid	Naphthalene	5.300	J	1	8.9	ug/Kg
P2696-26	A4BP0	Solid	Phenanthrene	120.000		1.4	8.9	ug/Kg
P2696-26	A4BP0	Solid	Pyrene	200.000	E	1.4	8.9	ug/Kg
Total Svoc :				1,424.10				
Total Concentration:				1,424.10				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG No.: BN061824
Instrument ID: _____ Calibration Date(s): 6/18/2024 : _____
Calibration Time(s): 10:26 : _____

LAB FILE ID:		RRFAL1 = BN032037.D			RRFAL2 = BN032038.D		RRFAL3 = BN032039.D	
		RRFAL4 = BN032040.D			RRFAL5 = BN032041.D		RRFAL6 = BN032042.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.512	0.509	0.488	0.446	0.446	0.480	6.8
1,4-Dioxane-d8		0.430	0.450	0.439	0.414	0.411	0.429	3.9
Naphthalene	1.081	1.051	1.093	1.073	1.021		1.064	2.7
1-Methylnaphthalene	0.764	0.753	0.792	0.785	0.746		0.768	2.6
2-Methylnaphthalene	0.735	0.729	0.763	0.757	0.723		0.741	2.4
Acenaphthylene	1.691	1.659	1.734	1.744	1.706		1.707	2.0
Acenaphthene	1.286	1.248	1.311	1.298	1.238		1.276	2.5
Fluorene	1.565	1.522	1.603	1.591	1.509		1.558	2.7
Pentachlorophenol		0.092	0.088	0.090	0.094	0.109	0.094	8.9
Phenanthrene	1.134	1.101	1.156	1.147	1.101		1.128	2.3
Anthracene	1.013	0.978	1.030	1.036	1.017		1.015	2.2
Fluoranthene	1.573	1.427	1.492	1.473	1.402		1.474	4.5
Pyrene	1.666	1.513	1.556	1.527	1.456		1.543	5.0
Benzo(a)anthracene	1.692	1.523	1.526	1.494	1.436		1.534	6.2
Chrysene	1.729	1.547	1.530	1.469	1.374		1.530	8.5
Benzo(b)fluoranthene	2.219	1.848	1.681	1.569	1.469		1.757	16.7
Benzo(k)fluoranthene	2.140	1.756	1.613	1.516	1.412		1.687	16.8
Benzo(a)pyrene	1.406	1.240	1.243	1.202	1.152		1.249	7.6
Indeno(1,2,3-cd)pyrene	2.049	1.683	1.626	1.562	1.502		1.684	12.8
Dibenzo(a,h)anthracene	1.566	1.290	1.261	1.214	1.170		1.300	11.9
Benzo(g,h,i)perylene	1.664	1.349	1.285	1.225	1.172		1.339	14.4
Fluoranthene-d10	1.286	1.177	1.218	1.210	1.156		1.210	4.1
2-Methylnaphthalene-d10	0.642	0.641	0.668	0.665	0.634		0.650	2.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4225 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BN032039.D Time Analyzed: 14:15

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	7252	7.649	23870	10.43	16216	14.29
	UPPER LIMIT	14504	8.149	47740	10.926	32432	14.79
	LOWER LIMIT	3626	7.149	11935	9.926	8108	13.79
	EPA SAMPLE NO.						
01	SICV229	11242	7.65	38993	10.43	26372	14.29
02	SBLK389	10782	7.65	37794	10.43	23735	14.29
03	SBLK389	10397	7.65	35594	10.43	22289	14.29
04	A4BN4	11245	7.65	40482	10.43	26304	14.29
05	A4BN5	10676	7.65	37528	10.43	24399	14.29
06	A4BM5	10093	7.65	36640	10.43	24170	14.29
07	A4BM6	9558	7.65	34422	10.43	21914	14.29
08	A4BN9	11266	7.65	40737	10.43	26783	14.29
09	A4BN2	11624	7.65	42241	10.43	27726	14.29
10	A4B91	11559	7.65	42434	10.43	27838	14.29
11	A4B92	9742	7.65	35457	10.43	23403	14.29
12	A4BN8	11020	7.65	39218	10.43	24260	14.29
13	A4BJ1	8442	7.65	30012	10.43	19825	14.29
14	A4BK4	8797	7.65	31117	10.43	19955	14.29
15	A4B90	9825	7.65	34636	10.43	22314	14.29
16	A4BP0	9331	7.65	33354	10.43	21554	14.29
17	A4BN1	8892	7.65	31519	10.43	19872	14.29
18	SLCS389	7089	7.65	25543	10.43	16868	14.29



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4225 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BN032039.D Time Analyzed: 01:08

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	7252	7.649	23870	10.43	16216	14.29
UPPER LIMIT	14504	8.149	47740	10.926	32432	14.79
LOWER LIMIT	3626	7.149	11935	9.926	8108	13.79
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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4379 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BN032045.D Time Analyzed: 16:04

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	6834	7.65	22532	10.43	15414	14.29
	UPPER LIMIT	13668	8.15	45064	10.93	30828	14.794
	LOWER LIMIT	3417	7.15	11266	9.93	7707	13.794
	EPA SAMPLE NO.						
01	SBLK389	10397	7.65	35594	10.43	22289	14.29
02	A4BN4	11245	7.65	40482	10.43	26304	14.29
03	A4BN5	10676	7.65	37528	10.43	24399	14.29
04	A4BM5	10093	7.65	36640	10.43	24170	14.29
05	A4BM6	9558	7.65	34422	10.43	21914	14.29
06	A4BN9	11266	7.65	40737	10.43	26783	14.29
07	A4BN2	11624	7.65	42241	10.43	27726	14.29
08	A4B91	11559	7.65	42434	10.43	27838	14.29
09	A4B92	9742	7.65	35457	10.43	23403	14.29
10	A4BN8	11020	7.65	39218	10.43	24260	14.29
11	A4BJ1	8442	7.65	30012	10.43	19825	14.29
12	A4BK4	8797	7.65	31117	10.43	19955	14.29
13	A4B90	9825	7.65	34636	10.43	22314	14.29
14	A4BP0	9331	7.65	33354	10.43	21554	14.29
15	A4BN1	8892	7.65	31519	10.43	19872	14.29
16	SLCS389	7089	7.65	25543	10.43	16868	14.29



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4379 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BN032045.D Time Analyzed: 01:08

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	6834	7.65	22532	10.43	15414	14.29
UPPER LIMIT	13668	8.15	45064	10.93	30828	14.794
LOWER LIMIT	3417	7.15	11266	9.93	7707	13.794
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4225 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BN032039.D Time Analyzed: 14:15

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	37909	17.041	35452	21.238	35304	23.462
	UPPER LIMIT	75818	17.541	70904	21.738	70608	23.962
	LOWER LIMIT	18954.5	16.541	17726	20.738	17652	22.962
	EPA SAMPLE NO.						
01	SICV229	63061	17.04	57889	21.24	58236	23.47
02	SBLK389	57028	17.04	50047	21.24	45743	23.47
03	SBLK389	49277	17.04	37596	21.24	34033	23.47
04	A4BN4	61556	17.04	46334	21.24	37101	23.46
05	A4BN5	55572	17.04	42348	21.24	36811	23.46
06	A4BM5	55877	17.04	41286	21.24	32634	23.46
07	A4BM6	47410	17.04	30901	21.24	28251	23.46
08	A4BN9	61409	17.04	47412	21.24	37375	23.46
09	A4BN2	64151	17.04	46576	21.24	35862	23.46
10	A4B91	67887	17.04	40477	21.24	33706	23.46
11	A4B92	55126	17.04	37033	21.23	29228	23.46
12	A4BN8	50398	17.04	36090	21.23	33381	23.46
13	A4BJ1	44419	17.04	30888	21.23	33349	23.46
14	A4BK4	46266	17.04	37084	21.23	29952	23.45
15	A4B90	54161	17.04	31192	21.23	28499	23.45
16	A4BP0	48742	17.04	38075	21.23	30967	23.45
17	A4BN1	44461	17.04	33804	21.23	26832	23.45
18	SLCS389	35593	17.04	26170	21.23	22137	23.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4225 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BN032039.D Time Analyzed: 01:08

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	37909	17.041	35452	21.238	35304	23.462
UPPER LIMIT	75818	17.541	70904	21.738	70608	23.962
LOWER LIMIT	18954.5	16.541	17726	20.738	17652	22.962
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.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4379 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BN032045.D Time Analyzed: 16:04

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	35821	17.044	32481	21.239	32375	23.464
	UPPER LIMIT	71642	17.544	64962	21.739	64750	23.964
	LOWER LIMIT	17910.5	16.544	16240.5	20.739	16187.5	22.964
	EPA SAMPLE NO.						
01	SBLK389	49277	17.04	37596	21.24	34033	23.47
02	A4BN4	61556	17.04	46334	21.24	37101	23.46
03	A4BN5	55572	17.04	42348	21.24	36811	23.46
04	A4BM5	55877	17.04	41286	21.24	32634	23.46
05	A4BM6	47410	17.04	30901	21.24	28251	23.46
06	A4BN9	61409	17.04	47412	21.24	37375	23.46
07	A4BN2	64151	17.04	46576	21.24	35862	23.46
08	A4B91	67887	17.04	40477	21.24	33706	23.46
09	A4B92	55126	17.04	37033	21.23	29228	23.46
10	A4BN8	50398	17.04	36090	21.23	33381	23.46
11	A4BJ1	44419	17.04	30888	21.23	33349	23.46
12	A4BK4	46266	17.04	37084	21.23	29952	23.45
13	A4B90	54161	17.04	31192	21.23	28499	23.45
14	A4BP0	48742	17.04	38075	21.23	30967	23.45
15	A4BN1	44461	17.04	33804	21.23	26832	23.45
16	SLCS389	35593	17.04	26170	21.23	22137	23.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061824 SAS No.: BN061824 SDG NO.: BN061824

EPA Sample No.: SSTD0.4379 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BN032045.D Time Analyzed: 01:08

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	35821	17.044	32481	21.239	32375	23.464
UPPER LIMIT	71642	17.544	64962	21.739	64750	23.964
LOWER LIMIT	17910.5	16.544	16240.5	20.739	16187.5	22.964
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN061824

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.: BN061824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161389BS	1,4-Dioxane	66.7	53	ug/Kg	79				0	0	
	Naphthalene	13.3	13	ug/Kg	98				0	0	
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0	
	2-Methylnaphthalene	13.3	13	ug/Kg	98				0	0	
	Acenaphthylene	13.3	13	ug/Kg	98				0	0	
	Acenaphthene	13.3	13	ug/Kg	98				0	0	
	Fluorene	13.3	12	ug/Kg	90				0	0	
	Pentachlorophenol	26.7	18	ug/Kg	67				0	0	
	Phenanthrene	13.3	13	ug/Kg	98				0	0	
	Anthracene	13.3	13	ug/Kg	98				0	0	
	Fluoranthene	13.3	15	ug/Kg	113				0	0	
	Pyrene	13.3	15	ug/Kg	113				0	0	
	Benzo(a)anthracene	13.3	13	ug/Kg	98				0	0	
	Chrysene	13.3	12	ug/Kg	90				0	0	
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)pyrene	13.3	14	ug/Kg	105				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0	
	Dibenzo(a,h)anthracene	13.3	13	ug/Kg	98				0	0	
	Benzo(g,h,i)perylene	13.3	13	ug/Kg	98				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN061824

SAS No.: BN061824 SDG NO.: BN061824

Lab File ID: BN032044.D

Lab Sample ID: PB161389BL

Instrument ID: BNA_N

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/18/2024

Level: (low/med) LOW

Time Analyzed: 14:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BN4	P2696-06	BN032047.D	06/18/2024
A4BN5	P2696-07	BN032048.D	06/18/2024
A4BM5	P2696-24	BN032049.D	06/18/2024
A4BM6	P2696-25	BN032050.D	06/18/2024
A4BN9	P2696-12	BN032051.D	06/18/2024
A4BN2	P2696-05	BN032052.D	06/18/2024
A4B91	P2696-22	BN032053.D	06/18/2024
A4B92	P2696-23	BN032054.D	06/18/2024
A4BN8	P2696-11	BN032055.D	06/18/2024
A4BJ1	P2696-01	BN032056.D	06/18/2024
A4BK4	P2696-02	BN032057.D	06/18/2024
A4B90	P2696-21	BN032058.D	06/18/2024
A4BP0	P2696-26	BN032059.D	06/18/2024
A4BN1	P2696-04	BN032060.D	06/19/2024
PB161389BS	PB161389BS	BN032061.D	06/19/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN061824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-01	A4BJ1	BN032056.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2696-02	A4BK4	BN032057.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2696-04	A4BN1	BN032060.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2696-05	A4BN2	BN032052.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P2696-06	A4BN4	BN032047.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
P2696-07	A4BN5	BN032048.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P2696-11	A4BN8	BN032055.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2696-12	A4BN9	BN032051.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P2696-21	A4B90	BN032058.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P2696-22	A4B91	BN032053.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2696-23	A4B92	BN032054.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2696-24	A4BM5	BN032049.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2696-25	A4BM6	BN032050.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2696-26	A4BP0	BN032059.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
PB161389BL	PB161389BL	BN032044.D	1,4-Dioxane-d8	8	5.27	66		15	120
		BN032046.D	1,4-Dioxane-d8	8	5.38	67		15	120
		BN032044.D	Fluoranthene-d10	0.4	0.31	76		30	130
		BN032046.D	Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
PB161389BS	PB161389BS	BN032044.D	2-Methylnaphthalene-d10	0.4	0.29	73		20	140
		BN032061.D	1,4-Dioxane-d8	0.8	0.72	90		15	120



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

Surrogate Summary

SW-846

SDG No.: BN061824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161389BS	PB161389BS	BN032061.D	Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN061824

Lab Code: CHEM

SAS No.: BN061824

SDG NO.: BN061824

Lab File ID: BN032036.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	12.8 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.1223	SSTD0.192	BN032037.D	06/18/2024	10:26
SSTD0.2224	SSTD0.293	BN032038.D	06/18/2024	11:07
SSTD0.4225	SSTD0.494	BN032039.D	06/18/2024	11:43
SSTD0.8226	SSTD0.895	BN032040.D	06/18/2024	12:19
SSTD1.6227	SSTD1.696	BN032041.D	06/18/2024	12:56
SSTD3.2228	SSTD3.297	BN032042.D	06/18/2024	13:39
SICV229	SSTDICV0.4	BN032043.D	06/18/2024	14:15
SBLK389	PB161389BL	BN032044.D	06/18/2024	14:51
SSTD0.4379	SSTDCCC0.4	BN032045.D	06/18/2024	15:27
SBLK389	PB161389BL	BN032046.D	06/18/2024	16:04
A4BN4	P2696-06	BN032047.D	06/18/2024	16:40
A4BN5	P2696-07	BN032048.D	06/18/2024	17:17
A4BM5	P2696-24	BN032049.D	06/18/2024	17:53
A4BM6	P2696-25	BN032050.D	06/18/2024	18:30
A4BN9	P2696-12	BN032051.D	06/18/2024	19:06
A4BN2	P2696-05	BN032052.D	06/18/2024	19:43
A4B91	P2696-22	BN032053.D	06/18/2024	20:19
A4B92	P2696-23	BN032054.D	06/18/2024	20:55

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN061824

Lab Code: CHEM

SAS No.: BN061824

SDG NO.: BN061824

Lab File ID: BN032036.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	62.3
443	15.0 - 24.0% of mass 442	12.8 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BN8	P2696-11	BN032055.D	06/18/2024	21:32
A4BJ1	P2696-01	BN032056.D	06/18/2024	22:08
A4BK4	P2696-02	BN032057.D	06/18/2024	22:44
A4B90	P2696-21	BN032058.D	06/18/2024	23:20
A4BP0	P2696-26	BN032059.D	06/18/2024	23:56
A4BN1	P2696-04	BN032060.D	06/19/2024	00:32
SLCS389	PB161389BS	BN032061.D	06/19/2024	01:08
SSTD0.4380	SSTDCCC0.4EC	BN032062.D	06/19/2024	02:20