

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG No.: BN073024

Instrument ID: BNA_N Calibration Date/Time: 7/29/2024 1:16:01

Lab File ID: BN033069.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4286 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.682	0.010	18.1859	40.0
1,4-Dioxane-d8	0.506	0.607	0.010	19.8939	40.0
Naphthalene	1.027	1.025	0.600	-0.2263	30.0
1-Methylnaphthalene	0.753	0.746	0.300	-0.8863	30.0
2-Methylnaphthalene	0.696	0.609	0.300	-12.4339	30.0
Acenaphthylene	1.637	1.545	0.900	-5.6292	30.0
Acenaphthene	1.231	1.318	0.500	7.0043	30.0
Fluorene	1.435	1.506	0.700	4.9108	30.0
Pentachlorophenol	0.081	0.065	0.010	-20.5693	50.0
Phenanthrene	1.073	1.032	0.300	-3.8504	30.0
Anthracene	0.965	0.824	0.400	-14.543	30.0
Fluoranthene	1.317	1.356	0.400	2.9558	30.0
Pyrene	1.412	1.470	0.500	4.1057	30.0
Benzo (a) anthracene	1.364	1.196	0.400	-12.3362	30.0
Chrysene	1.592	1.769	0.400	11.1228	30.0
Benzo (b) fluoranthene	1.168	1.339	0.200	14.5771	30.0
Benzo (k) fluoranthene	1.400	1.837	0.200	31.2122	30.0
Benzo (a) pyrene	1.100	1.070	0.200	-2.7466	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.934	0.200	15.6462	30.0
Dibenzo (a,h) anthracene	1.325	1.499	0.200	13.1137	30.0
Benzo (g,h,i) perylene	1.329	1.620	0.200	21.9081	30.0
Fluoranthene-d10	1.133	1.090	0.400	-3.7495	30.0
2-Methylnaphthalene-d10	0.653	0.611	0.300	-6.3486	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.: BN073024 SAS No.: BN073024 SDG No.: BN073024

Instrument ID: BNA_N Calibration Date/Time: 7/30/2024 1:02:53

Lab File ID: BN033086.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4287 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.604	0.010	4.6823	40.0
1,4-Dioxane-d8	0.506	0.530	0.010	4.8168	40.0
Naphthalene	1.027	1.113	0.600	8.3658	30.0
1-Methylnaphthalene	0.753	0.861	0.300	14.4146	30.0
2-Methylnaphthalene	0.696	0.686	0.300	-1.3772	30.0
Acenaphthylene	1.637	1.556	0.900	-4.9452	30.0
Acenaphthene	1.231	1.297	0.500	5.3548	30.0
Fluorene	1.435	1.470	0.700	2.4179	30.0
Pentachlorophenol	0.081	0.060	0.010	-25.863	50.0
Phenanthrene	1.073	1.025	0.300	-4.4968	30.0
Anthracene	0.965	0.832	0.400	-13.7213	30.0
Fluoranthene	1.317	1.339	0.400	1.6629	30.0
Pyrene	1.412	1.432	0.500	1.3599	30.0
Benzo (a) anthracene	1.364	1.241	0.400	-9.0738	30.0
Chrysene	1.592	1.703	0.400	6.9461	30.0
Benzo (b) fluoranthene	1.168	1.402	0.200	20.0226	30.0
Benzo (k) fluoranthene	1.400	1.738	0.200	24.1151	30.0
Benzo (a) pyrene	1.100	1.072	0.200	-2.4926	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.847	0.200	10.4681	30.0
Dibenzo (a,h) anthracene	1.325	1.429	0.200	7.8503	30.0
Benzo (g,h,i) perylene	1.329	1.504	0.200	13.2168	30.0
Fluoranthene-d10	1.133	1.080	0.400	-4.6376	30.0
2-Methylnaphthalene-d10	0.653	0.679	0.300	4.0949	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK220	SDG No.:	BN073024
Lab Sample ID:	PB162220BL	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
BN033070.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

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	5.081		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.282		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1940		7.508			
1146-65-2	Naphthalene-d8	7059		10.262			
15067-26-2	Acenaphthene-d10	4649		14.148			

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SBLK220	SDG No.:	BN073024
Lab Sample ID:	PB162220BL	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
BN033070.D	1	7/22/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10927	16.912				
1719-03-5	Chrysene-d12	10153	21.175				
1520-96-3	Perylene-d12	7135	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	C0AW7	SDG No.:	BN073024
Lab Sample ID:	P3347-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033071.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.16		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.12		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.04	J	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	1.3		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.05	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.927		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.307		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.264		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2375		7.503			
1146-65-2	Naphthalene-d8	8557		10.262			
15067-26-2	Acenaphthene-d10	5559		14.143			

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	C0AW7	SDG No.:	BN073024
Lab Sample ID:	P3347-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033071.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13493	16.907				
1719-03-5	Chrysene-d12	13993	21.142				
1520-96-3	Perylene-d12	14333	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CN0DL	SDG No.:	BN073024
Lab Sample ID:	P3264-20DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
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
BN033072.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6	U	7.6	0	47	ug/Kg
91-20-3	Naphthalene	8.1	JD	2.6	5.7	23	ug/Kg
90-12-0	1-Methylnaphthalene	5.9	U	5.9	5.7	23	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	U	2.4	5.7	23	ug/Kg
208-96-8	Acenaphthylene	13	JD	3.3	5.7	23	ug/Kg
83-32-9	Acenaphthene	14	JD	2.7	5.7	23	ug/Kg
86-73-7	Fluorene	17	JD	4.7	5.7	23	ug/Kg
87-86-5	Pentachlorophenol	9.7	U	9.7	11.6	47	ug/Kg
85-01-8	Phenanthrene	160	D	3.5	5.7	23	ug/Kg
120-12-7	Anthracene	28	D	3.6	5.7	23	ug/Kg
206-44-0	Fluoranthene	220	D	4.7	5.7	23	ug/Kg
129-00-0	Pyrene	180	D	3.6	5.7	23	ug/Kg
56-55-3	Benzo(a)anthracene	78	D	2.9	5.7	23	ug/Kg
218-01-9	Chrysene	67	D	2.9	5.7	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	D	1.5	5.7	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	D	2.7	5.7	23	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	2.5	5.7	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	D	6	5.7	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	6.2	5.7	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	D	6.8	5.7	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.39		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1833		7.524			
1146-65-2	Naphthalene-d8	6233		10.317			
15067-26-2	Acenaphthene-d10	4489		14.162			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CN0DL	SDG No.:	BN073024
Lab Sample ID:	P3264-20DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
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
BN033072.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10247	16.928				
1719-03-5	Chrysene-d12	9747	21.151				
1520-96-3	Perylene-d12	12092	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CL9DL	SDG No.:	BN073024
Lab Sample ID:	P3264-13DL	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
BN033073.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.1	U	8.1	0	49	ug/Kg
91-20-3	Naphthalene	2.7	U	2.7	6	24	ug/Kg
90-12-0	1-Methylnaphthalene	6.2	U	6.2	6	24	ug/Kg
91-57-6	2-Methylnaphthalene	2.5	U	2.5	6	24	ug/Kg
208-96-8	Acenaphthylene	20	JD	3.4	6	24	ug/Kg
83-32-9	Acenaphthene	6.1	JD	2.9	6	24	ug/Kg
86-73-7	Fluorene	11	JD	5	6	24	ug/Kg
87-86-5	Pentachlorophenol	10	U	10	12.3	49	ug/Kg
85-01-8	Phenanthrene	120	D	3.7	6	24	ug/Kg
120-12-7	Anthracene	31	D	3.8	6	24	ug/Kg
206-44-0	Fluoranthene	250	D	5	6	24	ug/Kg
129-00-0	Pyrene	160	D	3.8	6	24	ug/Kg
56-55-3	Benzo(a)anthracene	85	D	3.1	6	24	ug/Kg
218-01-9	Chrysene	73	D	3.1	6	24	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	D	1.5	6	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	D	2.9	6	24	ug/Kg
50-32-8	Benzo(a)pyrene	59	D	2.6	6	24	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	D	6.3	6	24	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	JD	6.5	6	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.2	U	7.2	6	24	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.37		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.155		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1620		7.529			
1146-65-2	Naphthalene-d8	5767		10.328			
15067-26-2	Acenaphthene-d10	4235		14.162			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CL9DL	SDG No.:	BN073024
Lab Sample ID:	P3264-13DL	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
BN033073.D	5	7/18/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9456	16.928				
1719-03-5	Chrysene-d12	8878	21.154				
1520-96-3	Perylene-d12	10774	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX3	SDG No.:	BN073024
Lab Sample ID:	P3347-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033074.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.09	J	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.649		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.338		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1752		7.507			
1146-65-2	Naphthalene-d8	6366		10.262			
15067-26-2	Acenaphthene-d10	4143		14.148			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX3	SDG No.:	BN073024
Lab Sample ID:	P3347-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033074.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10073	16.911				
1719-03-5	Chrysene-d12	10237	21.148				
1520-96-3	Perylene-d12	9333	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX4	SDG No.:	BN073024
Lab Sample ID:	P3347-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033075.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.51		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.19		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.05	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.74		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.17		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	220	E	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	1.1		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.14		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.598		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.421		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2269		7.503			
1146-65-2	Naphthalene-d8	8216		10.256			
15067-26-2	Acenaphthene-d10	5495		14.143			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX4	SDG No.:	BN073024
Lab Sample ID:	P3347-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033075.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11803	16.907				
1719-03-5	Chrysene-d12	12423	21.137				
1520-96-3	Perylene-d12	10754	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BN073024
Lab Sample ID:	P3347-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN033076.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.24		0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.52		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	15	E	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	12	E	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.05	J	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.09	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.94		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	3.3	E	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	2.1	E	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.23		0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.08	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.28		0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	J	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.2		0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.15		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	J	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.31		0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.823		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.354		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2335		7.503			
1146-65-2	Naphthalene-d8	8416		10.256			
15067-26-2	Acenaphthene-d10	5882		14.139			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BN073024
Lab Sample ID:	P3347-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033076.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13395	16.907				
1719-03-5	Chrysene-d12	12789	21.134				
1520-96-3	Perylene-d12	12353	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY8	SDG No.:	BN073024
Lab Sample ID:	P3347-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033077.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	510	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	66	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	61	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	2.4	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	120	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	38	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	120	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	25	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	57	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	37	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	13	E	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	8.6	E	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	11	E	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	3.5	E	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	7.7	E	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	E	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.77		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2.2	E	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.349		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.302		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.252		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2978		7.495			
1146-65-2	Naphthalene-d8	10622		10.245			
15067-26-2	Acenaphthene-d10	13666		14.134			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AY8	SDG No.:	BN073024
Lab Sample ID:	P3347-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033077.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18029	16.903				
1719-03-5	Chrysene-d12	16223	21.125				
1520-96-3	Perylene-d12	18187	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AZ4	SDG No.:	BN073024
Lab Sample ID:	P3347-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033078.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.09	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.03	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.05	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.03	J	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.04	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.93		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.076		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.384		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2472		7.499			
1146-65-2	Naphthalene-d8	9000		10.257			
15067-26-2	Acenaphthene-d10	6125		14.143			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0AZ4	SDG No.:	BN073024
Lab Sample ID:	P3347-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033078.D	1	7/25/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14449	16.907				
1719-03-5	Chrysene-d12	13572	21.134				
1520-96-3	Perylene-d12	13209	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AY9	SDG No.:	BN073024
Lab Sample ID:	P3347-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033079.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.18		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.71		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.54		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.09	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.03	J	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.287		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.344		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2221		7.499			
1146-65-2	Naphthalene-d8	8064		10.256			
15067-26-2	Acenaphthene-d10	5933		14.138			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AY9	SDG No.:	BN073024
Lab Sample ID:	P3347-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033079.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13639	16.907				
1719-03-5	Chrysene-d12	12813	21.145				
1520-96-3	Perylene-d12	11828	23.322				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AZ0	SDG No.:	BN073024
Lab Sample ID:	P3347-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033080.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	150	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	12	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	17	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.61		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	13	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	8.1	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	10	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	2.1	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	5.8	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	3.6	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	2	E	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	3	E	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	3	E	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.84		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	2	E	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.65		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.24		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.256		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.591	*	30-130		148	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2191		7.499			
1146-65-2	Naphthalene-d8	8144		10.245			
15067-26-2	Acenaphthene-d10	5712		14.138			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AZ0	SDG No.:	BN073024
Lab Sample ID:	P3347-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033080.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12821	16.903				
1719-03-5	Chrysene-d12	12921	21.128				
1520-96-3	Perylene-d12	13115	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AZ6	SDG No.:	BN073024
Lab Sample ID:	P3347-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033081.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.07	J	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.1		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.06	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	15	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.28		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.08	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.81		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	9.5	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	5.5	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.27		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.12		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.13		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.897		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.307		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2641	7.499				
1146-65-2	Naphthalene-d8	9630	10.257				
15067-26-2	Acenaphthene-d10	6379	14.139				

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0AZ6	SDG No.:	BN073024
Lab Sample ID:	P3347-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033081.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15025	16.907				
1719-03-5	Chrysene-d12	14214	21.131				
1520-96-3	Perylene-d12	14516	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0B03	SDG No.:	BN073024
Lab Sample ID:	P3347-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033082.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.891		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.301		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.295		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1666		7.503			
1146-65-2	Naphthalene-d8	6185		10.262			
15067-26-2	Acenaphthene-d10	4208		14.143			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	C0B03	SDG No.:	BN073024
Lab Sample ID:	P3347-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033082.D	1	7/24/2024 12:00:00 AM	7/29/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9912	16.907				
1719-03-5	Chrysene-d12	10027	21.154				
1520-96-3	Perylene-d12	8264	23.328				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SLCS262	SDG No.:	BN073024
Lab Sample ID:	PB162262BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033083.D	1	7/24/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.53		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.798	*	15-120		10	SPK: -8
93951-69-0	Fluoranthene-d10	0.371		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2082		7.549			
1146-65-2	Naphthalene-d8	7797		10.333			
15067-26-2	Acenaphthene-d10	5839		14.171			

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SLCS262	SDG No.:	BN073024
Lab Sample ID:	PB162262BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033083.D	1	7/24/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13890	16.945				
1719-03-5	Chrysene-d12	13679	21.151				
1520-96-3	Perylene-d12	15251	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS277	SDG No.:	BN073024
Lab Sample ID:	PB162277BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033084.D	1	7/25/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.29		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.5		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.702	*	15-120		9	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1609		7.592			
1146-65-2	Naphthalene-d8	5605		10.361			
15067-26-2	Acenaphthene-d10	4278		14.175			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS277	SDG No.:	BN073024
Lab Sample ID:	PB162277BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033084.D	1	7/25/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10134	16.954				
1719-03-5	Chrysene-d12	10216	21.157				
1520-96-3	Perylene-d12	11996	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS220	SDG No.:	BN073024
Lab Sample ID:	PB162220BS	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
BN033085.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58		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	9.8		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.9		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	15		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	10		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	9.2		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	9.8		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	13		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		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	0.677	*	15-120		8	SPK: -8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	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	1786		7.587			
1146-65-2	Naphthalene-d8	6487		10.355			
15067-26-2	Acenaphthene-d10	4965		14.175			

Report of Analysis

Client:		Date Collected:	7/22/2024 12:00:00 AM
Project:		Date Received:	7/22/2024 12:00:00 AM
Client Sample ID:	SLCS220	SDG No.:	BN073024
Lab Sample ID:	PB162220BS	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
BN033085.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11855	16.954				
1719-03-5	Chrysene-d12	11433	21.154				
1520-96-3	Perylene-d12	13055	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK277	SDG No.:	BN073024
Lab Sample ID:	PB162277BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033087.D	1	7/25/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.096		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.238		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1939	7.507				
1146-65-2	Naphthalene-d8	7473	10.262				
15067-26-2	Acenaphthene-d10	5041	14.143				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK277	SDG No.:	BN073024
Lab Sample ID:	PB162277BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033087.D	1	7/25/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162277

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11920	16.911				
1719-03-5	Chrysene-d12	11483	21.166				
1520-96-3	Perylene-d12	8762	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SBLK262	SDG No.:	BN073024
Lab Sample ID:	PB162262BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033088.D	1	7/24/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.447		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1970	7.503				
1146-65-2	Naphthalene-d8	7391	10.257				
15067-26-2	Acenaphthene-d10	4315	14.143				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SBLK262	SDG No.:	BN073024
Lab Sample ID:	PB162262BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033088.D	1	7/24/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162262

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11486	16.912				
1719-03-5	Chrysene-d12	9228	21.169				
1520-96-3	Perylene-d12	6208	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E00	SDG No.:	BN073024
Lab Sample ID:	P3329-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033089.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

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	230	E	0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	72	E	1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	240	E	0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	1200	E	0.59	1	4.2	ug/Kg
83-32-9	Acenaphthene	59		0.49	1	4.2	ug/Kg
86-73-7	Fluorene	350	E	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	180	E	0.64	1	4.2	ug/Kg
120-12-7	Anthracene	1200	E	0.65	1	4.2	ug/Kg
206-44-0	Fluoranthene	110	E	0.86	1	4.2	ug/Kg
129-00-0	Pyrene	44		0.65	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.53	1	4.2	ug/Kg
218-01-9	Chrysene	11		0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	23		0.26	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.1		0.49	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	24		0.45	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.8	J	1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.5		1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.284		15-120		16	SPK: -8
93951-69-0	Fluoranthene-d10	0.067	*	30-130		17	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.078		20-140		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3111		7.499			
1146-65-2	Naphthalene-d8	11295		10.251			
15067-26-2	Acenaphthene-d10	13094		14.134			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	F7E00	SDG No.:	BN073024
Lab Sample ID:	P3329-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033089.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18046	16.903				
1719-03-5	Chrysene-d12	21541	21.128				
1520-96-3	Perylene-d12	19971	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01	SDG No.:	BN073024
Lab Sample ID:	P3329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
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
BN033090.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	21000	E	0.44	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	11000	E	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	20000	E	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	140	E	0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	2300	E	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	2400	E	0.8	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.9	ug/Kg
85-01-8	Phenanthrene	23000	E	0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	10000	E	0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	14000	E	0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	9900	E	0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	5500	E	0.49	0.97	3.9	ug/Kg
218-01-9	Chrysene	4300	E	0.49	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	E	0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	990	E	0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	1100	E	0.42	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350	E	1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	E	1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55		1.2	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.118		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.191		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2401		7.491			
1146-65-2	Naphthalene-d8	8983		10.245			
15067-26-2	Acenaphthene-d10	44399		14.12			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E01	SDG No.:	BN073024
Lab Sample ID:	P3329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.3
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
BN033090.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16146	16.911				
1719-03-5	Chrysene-d12	16956	21.139				
1520-96-3	Perylene-d12	31930	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20	SDG No.:	BN073024
Lab Sample ID:	P3329-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.6
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
BN033091.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	1100	E	0.43	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	120	E	0.98	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	240	E	0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	1200	E	0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	220	E	0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	160	E	0.79	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	470	E	0.59	0.95	3.8	ug/Kg
120-12-7	Anthracene	570	E	0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	5100	E	0.79	0.95	3.8	ug/Kg
129-00-0	Pyrene	7200	E	0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	5200	E	0.49	0.95	3.8	ug/Kg
218-01-9	Chrysene	4500	E	0.49	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	4200	E	0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	E	0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	1200	E	0.42	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710	E	1	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	E	1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	E	1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.504		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.189		30-130		47	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	2554		7.491			
1146-65-2	Naphthalene-d8	8296		10.245			
15067-26-2	Acenaphthene-d10	6612		14.134			

Report of Analysis

Client:		Date Collected:	7/18/2024 12:00:00 AM
Project:		Date Received:	7/18/2024 12:00:00 AM
Client Sample ID:	F7E20	SDG No.:	BN073024
Lab Sample ID:	P3329-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.6
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
BN033091.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14104	16.899				
1719-03-5	Chrysene-d12	15490	21.137				
1520-96-3	Perylene-d12	29988	23.314				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07	SDG No.:	BN073024
Lab Sample ID:	P3329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BN033092.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	53000	E	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	14000	E	0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	25000	E	0.37	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	220	E	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	2400	E	0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	2400	E	0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	19000	E	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	11000	E	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	9300	E	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	7000	E	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	2400	E	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	E	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	920	E	0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1700	E	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	E	0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	E	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	E	1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.54		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.475		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3163		7.478			
1146-65-2	Naphthalene-d8	9786		10.262			
15067-26-2	Acenaphthene-d10	37288		14.125			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E07	SDG No.:	BN073024
Lab Sample ID:	P3329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BN033092.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17438	16.911				
1719-03-5	Chrysene-d12	22791	21.139				
1520-96-3	Perylene-d12	19161	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25	SDG No.:	BN073024
Lab Sample ID:	P3329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033093.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

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	37000	E	0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	12000	E	1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	22000	E	0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	190	E	0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	2300	E	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	2300	E	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	21000	E	0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	6600	E	0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	13000	E	0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	8900	E	0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	5200	E	0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	3600	E	0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800	E	0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	970	E	0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	1100	E	0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350	E	1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48		1.2	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.798		15-120		22	SPK: -8
93951-69-0	Fluoranthene-d10	0.938	*	30-130		235	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.182		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3086		7.486			
1146-65-2	Naphthalene-d8	10069		10.251			
15067-26-2	Acenaphthene-d10	47092		14.124			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E25	SDG No.:	BN073024
Lab Sample ID:	P3329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033093.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18562	16.907				
1719-03-5	Chrysene-d12	19541	21.139				
1520-96-3	Perylene-d12	29688	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09	SDG No.:	BN073024
Lab Sample ID:	P3329-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.7
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
BN033094.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	25000	E	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	5300	E	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	11000	E	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	220	E	0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	2600	E	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	2500	E	0.8	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	13000	E	0.6	0.98	3.9	ug/Kg
120-12-7	Anthracene	3300	E	0.61	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	8300	E	0.8	0.98	3.9	ug/Kg
129-00-0	Pyrene	6000	E	0.61	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	2200	E	0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	1500	E	0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	E	0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	500	E	0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	980	E	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	E	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	E	1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.576		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.243		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2244		7.491			
1146-65-2	Naphthalene-d8	8316		10.246			
15067-26-2	Acenaphthene-d10	16457		14.111			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E09	SDG No.:	BN073024
Lab Sample ID:	P3329-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.7
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
BN033094.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13235	16.899				
1719-03-5	Chrysene-d12	12850	21.125				
1520-96-3	Perylene-d12	13053	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03	SDG No.:	BN073024
Lab Sample ID:	P3329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BN033095.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	42000	E	0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	9900	E	0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	19000	E	0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	200	E	0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	2500	E	0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	2500	E	0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	15000	E	0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	10000	E	0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	10000	E	0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	8300	E	0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	2300	E	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900	E	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	600	E	0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	1200	E	0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	E	0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	E	1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	E	1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.569		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2715		7.482			
1146-65-2	Naphthalene-d8	8758		10.251			
15067-26-2	Acenaphthene-d10	27461		14.115			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E03	SDG No.:	BN073024
Lab Sample ID:	P3329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033095.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15786	16.907				
1719-03-5	Chrysene-d12	14210	21.131				
1520-96-3	Perylene-d12	16322	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02	SDG No.:	BN073024
Lab Sample ID:	P3329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.5
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
BN033096.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

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	17000	E	0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	2900	E	1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	6500	E	0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	130	E	0.6	1	4.2	ug/Kg
83-32-9	Acenaphthene	2200	E	0.5	1	4.2	ug/Kg
86-73-7	Fluorene	2200	E	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	10000	E	0.65	1	4.2	ug/Kg
120-12-7	Anthracene	2400	E	0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	6200	E	0.86	1	4.2	ug/Kg
129-00-0	Pyrene	4400	E	0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1700	E	0.53	1	4.2	ug/Kg
218-01-9	Chrysene	1200	E	0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	E	0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	E	0.5	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	750	E	0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	E	1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64		1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.885		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.288		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2167		7.49			
1146-65-2	Naphthalene-d8	7891		10.24			
15067-26-2	Acenaphthene-d10	11989		14.111			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	F7E02	SDG No.:	BN073024
Lab Sample ID:	P3329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.5
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
BN033096.D	1	7/22/2024 12:00:00 AM	7/30/2024 12:00:00 AM	PB162220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12783	16.899				
1719-03-5	Chrysene-d12	11739	21.125				
1520-96-3	Perylene-d12	14162	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CL9DL								
P3264-13DL	A4CL9DL	Solid	Total Alkanes	*	0.000	D 8.1	49	ug/Kg
			Total Tics :			0.00		
P3264-13DL	A4CL9DL	Solid	Acenaphthene		6.100	JD 2.9	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Acenaphthylene		20.000	JD 3.4	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Anthracene		31.000	D 3.8	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Benzo(a)anthracene		85.000	D 3.1	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Benzo(a)pyrene		59.000	D 2.6	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Benzo(b)fluoranthene		130.000	D 1.5	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Benzo(k)fluoranthene		44.000	D 2.9	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Chrysene		73.000	D 3.1	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Dibenzo(a,h)anthracene		13.000	JD 6.5	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Fluoranthene		250.000	D 5	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Fluorene		11.000	JD 5	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Indeno(1,2,3-cd)pyrene		34.000	D 6.3	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Phenanthrene		120.000	D 3.7	24	ug/Kg
P3264-13DL	A4CL9DL	Solid	Pyrene		160.000	D 3.8	24	ug/Kg
			Total Svoc :			1,036.10		
			Total Concentration:			1,036.10		
Client ID : A4CN0DL								
P3264-20DL	A4CN0DL	Solid	Total Alkanes	*	0.000	D 7.6	47	ug/Kg
			Total Tics :			0.00		
P3264-20DL	A4CN0DL	Solid	Acenaphthene		14.000	JD 2.7	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Acenaphthylene		13.000	JD 3.3	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Anthracene		28.000	D 3.6	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Benzo(a)anthracene		78.000	D 2.9	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Benzo(a)pyrene		100.000	D 2.5	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Benzo(b)fluoranthene		130.000	D 1.5	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Benzo(g,h,i)perylene		63.000	D 6.8	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Benzo(k)fluoranthene		42.000	D 2.7	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Chrysene		67.000	D 2.9	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Dibenzo(a,h)anthracene		14.000	JD 6.2	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Fluoranthene		220.000	D 4.7	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Fluorene		17.000	JD 4.7	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Indeno(1,2,3-cd)pyrene		47.000	D 6	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Naphthalene		8.100	JD 2.6	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Phenanthrene		160.000	D 3.5	23	ug/Kg
P3264-20DL	A4CN0DL	Solid	Pyrene		180.000	D 3.6	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	1,181.10				
			Total Concentration:	1,181.10				
Client ID : F7E00								
P3329-01	F7E00	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
			Total Tics :	0.00				
P3329-01	F7E00	Solid	1-Methylnaphthalene		72.000	E 1.1	4.2	ug/Kg
P3329-01	F7E00	Solid	2-Methylnaphthalene		240.000	E 0.43	4.2	ug/Kg
P3329-01	F7E00	Solid	Acenaphthene		59.000	0.49	4.2	ug/Kg
P3329-01	F7E00	Solid	Acenaphthylene		1,200.000	E 0.59	4.2	ug/Kg
P3329-01	F7E00	Solid	Anthracene		1,200.000	E 0.65	4.2	ug/Kg
P3329-01	F7E00	Solid	Benzo(a)anthracene		130.000	E 0.53	4.2	ug/Kg
P3329-01	F7E00	Solid	Benzo(a)pyrene		24.000	0.45	4.2	ug/Kg
P3329-01	F7E00	Solid	Benzo(b)fluoranthene		23.000	0.26	4.2	ug/Kg
P3329-01	F7E00	Solid	Benzo(k)fluoranthene		9.100	0.49	4.2	ug/Kg
P3329-01	F7E00	Solid	Chrysene		11.000	0.53	4.2	ug/Kg
P3329-01	F7E00	Solid	Dibenzo(a,h)anthracene		4.500	1.1	4.2	ug/Kg
P3329-01	F7E00	Solid	Fluoranthene		110.000	E 0.86	4.2	ug/Kg
P3329-01	F7E00	Solid	Fluorene		350.000	E 0.86	4.2	ug/Kg
P3329-01	F7E00	Solid	Indeno(1,2,3-cd)pyrene		3.800	J 1.1	4.2	ug/Kg
P3329-01	F7E00	Solid	Naphthalene		230.000	E 0.47	4.2	ug/Kg
P3329-01	F7E00	Solid	Phenanthrene		180.000	E 0.64	4.2	ug/Kg
P3329-01	F7E00	Solid	Pyrene		44.000	0.65	4.2	ug/Kg
			Total Svoc :	3,890.40				
			Total Concentration:	3,890.40				
Client ID : F7E01								
P3329-02	F7E01	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
			Total Tics :	0.00				
P3329-02	F7E01	Solid	1-Methylnaphthalene		11,000.000	E 1	3.9	ug/Kg
P3329-02	F7E01	Solid	2-Methylnaphthalene		20,000.000	E 0.4	3.9	ug/Kg
P3329-02	F7E01	Solid	Acenaphthene		2,300.000	E 0.46	3.9	ug/Kg
P3329-02	F7E01	Solid	Acenaphthylene		140.000	E 0.55	3.9	ug/Kg
P3329-02	F7E01	Solid	Anthracene		10,000.000	E 0.61	3.9	ug/Kg
P3329-02	F7E01	Solid	Benzo(a)anthracene		5,500.000	E 0.49	3.9	ug/Kg
P3329-02	F7E01	Solid	Benzo(a)pyrene		1,100.000	E 0.42	3.9	ug/Kg
P3329-02	F7E01	Solid	Benzo(b)fluoranthene		2,900.000	E 0.25	3.9	ug/Kg
P3329-02	F7E01	Solid	Benzo(g,h,i)perylene		55.000	1.2	3.9	ug/Kg
P3329-02	F7E01	Solid	Benzo(k)fluoranthene		990.000	E 0.46	3.9	ug/Kg
P3329-02	F7E01	Solid	Chrysene		4,300.000	E 0.49	3.9	ug/Kg
P3329-02	F7E01	Solid	Dibenzo(a,h)anthracene		190.000	E 1	3.9	ug/Kg
P3329-02	F7E01	Solid	Fluoranthene		14,000.000	E 0.8	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-02	F7E01	Solid	Fluorene	2,400.000	E	0.8	3.9	ug/Kg
P3329-02	F7E01	Solid	Indeno(1,2,3-cd)pyrene	350.000	E	1	3.9	ug/Kg
P3329-02	F7E01	Solid	Naphthalene	21,000.000	E	0.44	3.9	ug/Kg
P3329-02	F7E01	Solid	Phenanthrene	23,000.000	E	0.6	3.9	ug/Kg
P3329-02	F7E01	Solid	Pyrene	9,900.000	E	0.61	3.9	ug/Kg
Total Svoc :				129,125.00				
Total Concentration:				129,125.00				
Client ID : F7E02								
P3329-03	F7E02	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
Total Tics :				0.00				
P3329-03	F7E02	Solid	1-Methylnaphthalene	2,900.000	E	1.1	4.2	ug/Kg
P3329-03	F7E02	Solid	2-Methylnaphthalene	6,500.000	E	0.43	4.2	ug/Kg
P3329-03	F7E02	Solid	Acenaphthene	2,200.000	E	0.5	4.2	ug/Kg
P3329-03	F7E02	Solid	Acenaphthylene	130.000	E	0.6	4.2	ug/Kg
P3329-03	F7E02	Solid	Anthracene	2,400.000	E	0.66	4.2	ug/Kg
P3329-03	F7E02	Solid	Benzo(a)anthracene	1,700.000	E	0.53	4.2	ug/Kg
P3329-03	F7E02	Solid	Benzo(a)pyrene	750.000	E	0.46	4.2	ug/Kg
P3329-03	F7E02	Solid	Benzo(b)fluoranthene	1,100.000	E	0.27	4.2	ug/Kg
P3329-03	F7E02	Solid	Benzo(g,h,i)perylene	170.000	E	1.2	4.2	ug/Kg
P3329-03	F7E02	Solid	Benzo(k)fluoranthene	370.000	E	0.5	4.2	ug/Kg
P3329-03	F7E02	Solid	Chrysene	1,200.000	E	0.53	4.2	ug/Kg
P3329-03	F7E02	Solid	Dibenzo(a,h)anthracene	64.000		1.1	4.2	ug/Kg
P3329-03	F7E02	Solid	Fluoranthene	6,200.000	E	0.86	4.2	ug/Kg
P3329-03	F7E02	Solid	Fluorene	2,200.000	E	0.86	4.2	ug/Kg
P3329-03	F7E02	Solid	Indeno(1,2,3-cd)pyrene	170.000	E	1.1	4.2	ug/Kg
P3329-03	F7E02	Solid	Naphthalene	17,000.000	E	0.47	4.2	ug/Kg
P3329-03	F7E02	Solid	Phenanthrene	10,000.000	E	0.65	4.2	ug/Kg
P3329-03	F7E02	Solid	Pyrene	4,400.000	E	0.66	4.2	ug/Kg
Total Svoc :				59,454.00				
Total Concentration:				59,454.00				
Client ID : F7E03								
P3329-04	F7E03	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P3329-04	F7E03	Solid	1-Methylnaphthalene	9,900.000	E	0.96	3.7	ug/Kg
P3329-04	F7E03	Solid	2-Methylnaphthalene	19,000.000	E	0.38	3.7	ug/Kg
P3329-04	F7E03	Solid	Acenaphthene	2,500.000	E	0.44	3.7	ug/Kg
P3329-04	F7E03	Solid	Acenaphthylene	200.000	E	0.53	3.7	ug/Kg
P3329-04	F7E03	Solid	Anthracene	10,000.000	E	0.58	3.7	ug/Kg
P3329-04	F7E03	Solid	Benzo(a)anthracene	3,300.000	E	0.47	3.7	ug/Kg
P3329-04	F7E03	Solid	Benzo(a)pyrene	1,200.000	E	0.4	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-04	F7E03	Solid	Benzo(b)fluoranthene	1,900.000	E	0.24	3.7	ug/Kg
P3329-04	F7E03	Solid	Benzo(g,h,i)perylene	240.000	E	1.1	3.7	ug/Kg
P3329-04	F7E03	Solid	Benzo(k)fluoranthene	600.000	E	0.44	3.7	ug/Kg
P3329-04	F7E03	Solid	Chrysene	2,300.000	E	0.47	3.7	ug/Kg
P3329-04	F7E03	Solid	Dibenzo(a,h)anthracene	91.000	E	1	3.7	ug/Kg
P3329-04	F7E03	Solid	Fluoranthene	10,000.000	E	0.76	3.7	ug/Kg
P3329-04	F7E03	Solid	Fluorene	2,500.000	E	0.76	3.7	ug/Kg
P3329-04	F7E03	Solid	Indeno(1,2,3-cd)pyrene	250.000	E	0.97	3.7	ug/Kg
P3329-04	F7E03	Solid	Naphthalene	42,000.000	E	0.42	3.7	ug/Kg
P3329-04	F7E03	Solid	Phenanthrene	15,000.000	E	0.57	3.7	ug/Kg
P3329-04	F7E03	Solid	Pyrene	8,300.000	E	0.58	3.7	ug/Kg
Total Svoc :				129,281.00				
Total Concentration:				129,281.00				

Client ID : F7E07

P3329-05	F7E07	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :				0.00				
P3329-05	F7E07	Solid	1-Methylnaphthalene		14,000.000	E	0.94	ug/Kg
P3329-05	F7E07	Solid	2-Methylnaphthalene		25,000.000	E	0.37	ug/Kg
P3329-05	F7E07	Solid	Acenaphthene		2,400.000	E	0.43	ug/Kg
P3329-05	F7E07	Solid	Acenaphthylene		220.000	E	0.52	ug/Kg
P3329-05	F7E07	Solid	Anthracene		11,000.000	E	0.57	ug/Kg
P3329-05	F7E07	Solid	Benzo(a)anthracene		3,300.000	E	0.46	ug/Kg
P3329-05	F7E07	Solid	Benzo(a)pyrene		1,700.000	E	0.4	ug/Kg
P3329-05	F7E07	Solid	Benzo(b)fluoranthene		2,800.000	E	0.23	ug/Kg
P3329-05	F7E07	Solid	Benzo(g,h,i)perylene		380.000	E	1.1	ug/Kg
P3329-05	F7E07	Solid	Benzo(k)fluoranthene		920.000	E	0.43	ug/Kg
P3329-05	F7E07	Solid	Chrysene		2,400.000	E	0.46	ug/Kg
P3329-05	F7E07	Solid	Dibenzo(a,h)anthracene		140.000	E	0.98	ug/Kg
P3329-05	F7E07	Solid	Fluoranthene		9,300.000	E	0.75	ug/Kg
P3329-05	F7E07	Solid	Fluorene		2,400.000	E	0.75	ug/Kg
P3329-05	F7E07	Solid	Indeno(1,2,3-cd)pyrene		390.000	E	0.95	ug/Kg
P3329-05	F7E07	Solid	Naphthalene		53,000.000	E	0.41	ug/Kg
P3329-05	F7E07	Solid	Phenanthrene		19,000.000	E	0.56	ug/Kg
P3329-05	F7E07	Solid	Pyrene		7,000.000	E	0.57	ug/Kg
Total Svoc :				155,350.00				
Total Concentration:				155,350.00				

Client ID : F7E09

P3329-07	F7E09	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
Total Tics :				0.00				
P3329-07	F7E09	Solid	1-Methylnaphthalene		5,300.000	E	1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-07	F7E09	Solid	2-Methylnaphthalene	11,000.000	E	0.4	3.9	ug/Kg
P3329-07	F7E09	Solid	Acenaphthene	2,600.000	E	0.46	3.9	ug/Kg
P3329-07	F7E09	Solid	Acenaphthylene	220.000	E	0.56	3.9	ug/Kg
P3329-07	F7E09	Solid	Anthracene	3,300.000	E	0.61	3.9	ug/Kg
P3329-07	F7E09	Solid	Benzo(a)anthracene	2,200.000	E	0.5	3.9	ug/Kg
P3329-07	F7E09	Solid	Benzo(a)pyrene	980.000	E	0.43	3.9	ug/Kg
P3329-07	F7E09	Solid	Benzo(b)fluoranthene	1,500.000	E	0.25	3.9	ug/Kg
P3329-07	F7E09	Solid	Benzo(g,h,i)perylene	190.000	E	1.2	3.9	ug/Kg
P3329-07	F7E09	Solid	Benzo(k)fluoranthene	500.000	E	0.46	3.9	ug/Kg
P3329-07	F7E09	Solid	Chrysene	1,500.000	E	0.5	3.9	ug/Kg
P3329-07	F7E09	Solid	Dibenzo(a,h)anthracene	72.000	E	1.1	3.9	ug/Kg
P3329-07	F7E09	Solid	Fluoranthene	8,300.000	E	0.8	3.9	ug/Kg
P3329-07	F7E09	Solid	Fluorene	2,500.000	E	0.8	3.9	ug/Kg
P3329-07	F7E09	Solid	Indeno(1,2,3-cd)pyrene	200.000	E	1	3.9	ug/Kg
P3329-07	F7E09	Solid	Naphthalene	25,000.000	E	0.44	3.9	ug/Kg
P3329-07	F7E09	Solid	Phenanthrene	13,000.000	E	0.6	3.9	ug/Kg
P3329-07	F7E09	Solid	Pyrene	6,000.000	E	0.61	3.9	ug/Kg
Total Svoc :				84,362.00				
Total Concentration:				84,362.00				

Client ID : F7E20

P3329-12	F7E20	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
Total Tics :				0.00				
P3329-12	F7E20	Solid	1-Methylnaphthalene	120.000	E	0.98	3.8	ug/Kg
P3329-12	F7E20	Solid	2-Methylnaphthalene	240.000	E	0.39	3.8	ug/Kg
P3329-12	F7E20	Solid	Acenaphthene	220.000	E	0.45	3.8	ug/Kg
P3329-12	F7E20	Solid	Acenaphthylene	1,200.000	E	0.54	3.8	ug/Kg
P3329-12	F7E20	Solid	Anthracene	570.000	E	0.6	3.8	ug/Kg
P3329-12	F7E20	Solid	Benzo(a)anthracene	5,200.000	E	0.49	3.8	ug/Kg
P3329-12	F7E20	Solid	Benzo(a)pyrene	1,200.000	E	0.42	3.8	ug/Kg
P3329-12	F7E20	Solid	Benzo(b)fluoranthene	4,200.000	E	0.24	3.8	ug/Kg
P3329-12	F7E20	Solid	Benzo(g,h,i)perylene	110.000	E	1.1	3.8	ug/Kg
P3329-12	F7E20	Solid	Benzo(k)fluoranthene	1,300.000	E	0.45	3.8	ug/Kg
P3329-12	F7E20	Solid	Chrysene	4,500.000	E	0.49	3.8	ug/Kg
P3329-12	F7E20	Solid	Dibenzo(a,h)anthracene	350.000	E	1	3.8	ug/Kg
P3329-12	F7E20	Solid	Fluoranthene	5,100.000	E	0.79	3.8	ug/Kg
P3329-12	F7E20	Solid	Fluorene	160.000	E	0.79	3.8	ug/Kg
P3329-12	F7E20	Solid	Indeno(1,2,3-cd)pyrene	710.000	E	1	3.8	ug/Kg
P3329-12	F7E20	Solid	Naphthalene	1,100.000	E	0.43	3.8	ug/Kg
P3329-12	F7E20	Solid	Phenanthrene	470.000	E	0.59	3.8	ug/Kg
P3329-12	F7E20	Solid	Pyrene	7,200.000	E	0.6	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	33,950.00				
			Total Concentration:	33,950.00				
Client ID : F7E25								
P3329-17	F7E25	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
			Total Tics :	0.00				
P3329-17	F7E25	Solid	1-Methylnaphthalene	12,000.000	E	1.1	4.2	ug/Kg
P3329-17	F7E25	Solid	2-Methylnaphthalene	22,000.000	E	0.43	4.2	ug/Kg
P3329-17	F7E25	Solid	Acenaphthene	2,300.000	E	0.5	4.2	ug/Kg
P3329-17	F7E25	Solid	Acenaphthylene	190.000	E	0.6	4.2	ug/Kg
P3329-17	F7E25	Solid	Anthracene	6,600.000	E	0.66	4.2	ug/Kg
P3329-17	F7E25	Solid	Benzo(a)anthracene	5,200.000	E	0.54	4.2	ug/Kg
P3329-17	F7E25	Solid	Benzo(a)pyrene	1,100.000	E	0.46	4.2	ug/Kg
P3329-17	F7E25	Solid	Benzo(b)fluoranthene	2,800.000	E	0.27	4.2	ug/Kg
P3329-17	F7E25	Solid	Benzo(g,h,i)perylene	48.000		1.2	4.2	ug/Kg
P3329-17	F7E25	Solid	Benzo(k)fluoranthene	970.000	E	0.5	4.2	ug/Kg
P3329-17	F7E25	Solid	Chrysene	3,600.000	E	0.54	4.2	ug/Kg
P3329-17	F7E25	Solid	Dibenzo(a,h)anthracene	180.000	E	1.1	4.2	ug/Kg
P3329-17	F7E25	Solid	Fluoranthene	13,000.000	E	0.87	4.2	ug/Kg
P3329-17	F7E25	Solid	Fluorene	2,300.000	E	0.87	4.2	ug/Kg
P3329-17	F7E25	Solid	Indeno(1,2,3-cd)pyrene	350.000	E	1.1	4.2	ug/Kg
P3329-17	F7E25	Solid	Naphthalene	37,000.000	E	0.47	4.2	ug/Kg
P3329-17	F7E25	Solid	Phenanthrene	21,000.000	E	0.65	4.2	ug/Kg
P3329-17	F7E25	Solid	Pyrene	8,900.000	E	0.66	4.2	ug/Kg
			Total Svoc :	139,538.00				
			Total Concentration:	139,538.00				
Client ID : C0AW7								
P3347-04	C0AW7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3347-04	C0AW7	Water	2-Methylnaphthalene	0.020	J	0.011	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthene	0.120		0.013	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthylene	0.070	J	0.014	0.1	ug/L
P3347-04	C0AW7	Water	Anthracene	1.300		0.011	0.1	ug/L
P3347-04	C0AW7	Water	Benzo(a)anthracene	0.030	J	0.015	0.1	ug/L
P3347-04	C0AW7	Water	Fluoranthene	0.050	J	0.022	0.1	ug/L
P3347-04	C0AW7	Water	Fluorene	0.040	J	0.022	0.1	ug/L
P3347-04	C0AW7	Water	Naphthalene	0.160		0.011	0.1	ug/L
P3347-04	C0AW7	Water	Phenanthrene	0.050	J	0.014	0.1	ug/L
			Total Svoc :	1.84				
			Total Concentration:	1.84				

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AY9								
P3347-05	C0AY9	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3347-05	C0AY9	Water	1-Methylnaphthalene		0.710	0.024	0.1	ug/L
P3347-05	C0AY9	Water	2-Methylnaphthalene		0.540	0.011	0.1	ug/L
P3347-05	C0AY9	Water	Acenaphthene		0.320	0.013	0.1	ug/L
P3347-05	C0AY9	Water	Anthracene		0.030 J	0.011	0.1	ug/L
P3347-05	C0AY9	Water	Benzo(a)anthracene		0.020 J	0.015	0.1	ug/L
P3347-05	C0AY9	Water	Fluoranthene		0.080 J	0.022	0.1	ug/L
P3347-05	C0AY9	Water	Fluorene		0.050 J	0.022	0.1	ug/L
P3347-05	C0AY9	Water	Naphthalene		0.180	0.011	0.1	ug/L
P3347-05	C0AY9	Water	Phenanthrene		0.090 J	0.014	0.1	ug/L
			Total Svoc :			2.02		
			Total Concentration:			2.02		
Client ID : C0AZ0								
P3347-06	C0AZ0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3347-06	C0AZ0	Water	1-Methylnaphthalene		12.000 E	0.024	0.1	ug/L
P3347-06	C0AZ0	Water	2-Methylnaphthalene		17.000 E	0.011	0.1	ug/L
P3347-06	C0AZ0	Water	Acenaphthene		13.000 E	0.013	0.1	ug/L
P3347-06	C0AZ0	Water	Acenaphthylene		0.610	0.014	0.1	ug/L
P3347-06	C0AZ0	Water	Anthracene		2.100 E	0.011	0.1	ug/L
P3347-06	C0AZ0	Water	Benzo(a)anthracene		2.000 E	0.015	0.1	ug/L
P3347-06	C0AZ0	Water	Benzo(a)pyrene		2.000 E	0.012	0.1	ug/L
P3347-06	C0AZ0	Water	Benzo(b)fluoranthene		3.000 E	0.004	0.1	ug/L
P3347-06	C0AZ0	Water	Benzo(g,h,i)perylene		0.690	0.025	0.1	ug/L
P3347-06	C0AZ0	Water	Benzo(k)fluoranthene		0.840	0.019	0.1	ug/L
P3347-06	C0AZ0	Water	Chrysene		3.000 E	0.014	0.1	ug/L
P3347-06	C0AZ0	Water	Dibenzo(a,h)anthracene		0.240	0.026	0.1	ug/L
P3347-06	C0AZ0	Water	Fluoranthene		5.800 E	0.022	0.1	ug/L
P3347-06	C0AZ0	Water	Fluorene		8.100 E	0.022	0.1	ug/L
P3347-06	C0AZ0	Water	Indeno(1,2,3-cd)pyrene		0.650	0.023	0.1	ug/L
P3347-06	C0AZ0	Water	Naphthalene		150.000 E	0.011	0.1	ug/L
P3347-06	C0AZ0	Water	Phenanthrene		10.000 E	0.014	0.1	ug/L
P3347-06	C0AZ0	Water	Pyrene		3.600 E	0.016	0.1	ug/L
			Total Svoc :			234.63		
			Total Concentration:			234.63		
Client ID : C0AZ6								
P3347-07	C0AZ6	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet
SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3347-07	C0AZ6	Water	1-Methylnaphthalene	0.070	J	0.024	0.1	ug/L
P3347-07	C0AZ6	Water	2-Methylnaphthalene	0.100		0.011	0.1	ug/L
P3347-07	C0AZ6	Water	Acenaphthene	15.000	E	0.013	0.1	ug/L
P3347-07	C0AZ6	Water	Acenaphthylene	0.060	J	0.014	0.1	ug/L
P3347-07	C0AZ6	Water	Anthracene	0.810		0.011	0.1	ug/L
P3347-07	C0AZ6	Water	Benzo(a)anthracene	0.270		0.015	0.1	ug/L
P3347-07	C0AZ6	Water	Benzo(b)fluoranthene	0.130		0.004	0.1	ug/L
P3347-07	C0AZ6	Water	Benzo(k)fluoranthene	0.030	J	0.019	0.1	ug/L
P3347-07	C0AZ6	Water	Chrysene	0.120		0.014	0.1	ug/L
P3347-07	C0AZ6	Water	Fluoranthene	9.500	E	0.022	0.1	ug/L
P3347-07	C0AZ6	Water	Fluorene	0.280		0.022	0.1	ug/L
P3347-07	C0AZ6	Water	Naphthalene	0.390		0.011	0.1	ug/L
P3347-07	C0AZ6	Water	Phenanthrene	0.080	J	0.014	0.1	ug/L
P3347-07	C0AZ6	Water	Pyrene	5.500	E	0.016	0.1	ug/L
Total Svoc :				32.34				
Total Concentration:				32.34				
Client ID : C0B03								
P3347-08	C0B03	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : C0AX3								
P3347-11	C0AX3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3347-11	C0AX3	Water	Anthracene		0.090	J 0.011	0.1	ug/L
Total Svoc :				0.09				
Total Concentration:				0.09				
Client ID : C0AX4								
P3347-12	C0AX4	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3347-12	C0AX4	Water	1-Methylnaphthalene		0.190	0.024	0.1	ug/L
P3347-12	C0AX4	Water	2-Methylnaphthalene		0.020	J 0.011	0.1	ug/L
P3347-12	C0AX4	Water	Acenaphthene		0.740	0.013	0.1	ug/L
P3347-12	C0AX4	Water	Acenaphthylene		0.050	J 0.014	0.1	ug/L
P3347-12	C0AX4	Water	Anthracene		1.100	0.011	0.1	ug/L
P3347-12	C0AX4	Water	Fluoranthene		0.030	J 0.022	0.1	ug/L
P3347-12	C0AX4	Water	Fluorene		0.170	0.022	0.1	ug/L
P3347-12	C0AX4	Water	Naphthalene		0.510	0.011	0.1	ug/L
P3347-12	C0AX4	Water	Pentachlorophenol		220.000	E 0.041	0.2	ug/L
P3347-12	C0AX4	Water	Phenanthrene		0.020	J 0.014	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3347-12	C0AX4	Water	Pyrene	0.140		0.016	0.1	ug/L
Total Svoc :				222.97				
Total Concentration:				222.97				
Client ID : C0AX6								
P3347-13	C0AX6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3347-13	C0AX6	Water	1-Methylnaphthalene		0.520	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Acenaphthene		15.000 E	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Acenaphthylene		0.290	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Anthracene		0.940	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Benzo(a)anthracene		0.230	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Benzo(a)pyrene		0.200	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Benzo(b)fluoranthene		0.280	0	0.1	ug/L
P3347-13	C0AX6	Water	Benzo(g,h,i)perylene		0.310	0.03	0.1	ug/L
P3347-13	C0AX6	Water	Benzo(k)fluoranthene		0.070 J	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Chrysene		0.080 J	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Dibenzo(a,h)anthracene		0.030 J	0.03	0.1	ug/L
P3347-13	C0AX6	Water	Fluoranthene		3.300 E	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Fluorene		12.000 E	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Indeno(1,2,3-cd)pyrene		0.150	0.02	0.1	ug/L
P3347-13	C0AX6	Water	Naphthalene		0.240	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Pentachlorophenol		0.050 J	0.04	0.2	ug/L
P3347-13	C0AX6	Water	Phenanthrene		0.090 J	0.01	0.1	ug/L
P3347-13	C0AX6	Water	Pyrene		2.100 E	0.02	0.1	ug/L
Total Svoc :				35.88				
Total Concentration:				35.88				
Client ID : C0AY8								
P3347-14	C0AY8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3347-14	C0AY8	Water	1-Methylnaphthalene		66.000 E	0.024	0.1	ug/L
P3347-14	C0AY8	Water	2-Methylnaphthalene		61.000 E	0.011	0.1	ug/L
P3347-14	C0AY8	Water	Acenaphthene		120.000 E	0.013	0.1	ug/L
P3347-14	C0AY8	Water	Acenaphthylene		2.400 E	0.014	0.1	ug/L
P3347-14	C0AY8	Water	Anthracene		25.000 E	0.011	0.1	ug/L
P3347-14	C0AY8	Water	Benzo(a)anthracene		13.000 E	0.015	0.1	ug/L
P3347-14	C0AY8	Water	Benzo(a)pyrene		7.700 E	0.012	0.1	ug/L
P3347-14	C0AY8	Water	Benzo(b)fluoranthene		11.000 E	0.004	0.1	ug/L
P3347-14	C0AY8	Water	Benzo(g,h,i)perylene		2.200 E	0.025	0.1	ug/L
P3347-14	C0AY8	Water	Benzo(k)fluoranthene		3.500 E	0.019	0.1	ug/L
P3347-14	C0AY8	Water	Chrysene		8.600 E	0.014	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN073024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3347-14	C0AY8	Water	Dibenzo(a,h)anthracene	0.770		0.026	0.1	ug/L
P3347-14	C0AY8	Water	Fluoranthene	57.000	E	0.022	0.1	ug/L
P3347-14	C0AY8	Water	Fluorene	38.000	E	0.022	0.1	ug/L
P3347-14	C0AY8	Water	Indeno(1,2,3-cd)pyrene	2.100	E	0.023	0.1	ug/L
P3347-14	C0AY8	Water	Naphthalene	510.000	E	0.011	0.1	ug/L
P3347-14	C0AY8	Water	Phenanthrene	120.000	E	0.014	0.1	ug/L
P3347-14	C0AY8	Water	Pyrene	37.000	E	0.016	0.1	ug/L
Total Svoc :				1,085.27				
Total Concentration:				1,085.27				

Client ID : C0AZ4

P3347-15	C0AZ4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3347-15	C0AZ4	Water	Acenaphthene	0.050	J	0.01	0.1	ug/L
P3347-15	C0AZ4	Water	Acenaphthylene	0.030	J	0.01	0.1	ug/L
P3347-15	C0AZ4	Water	Anthracene	0.930		0.01	0.1	ug/L
P3347-15	C0AZ4	Water	Benzo(b)fluoranthene	0.030	J	0	0.1	ug/L
P3347-15	C0AZ4	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P3347-15	C0AZ4	Water	Fluorene	0.030	J	0.02	0.1	ug/L
P3347-15	C0AZ4	Water	Naphthalene	0.090	J	0.01	0.1	ug/L
P3347-15	C0AZ4	Water	Phenanthrene	0.040	J	0.01	0.1	ug/L
Total Svoc :				1.23				
Total Concentration:				1.23				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG No.: BN072524
Instrument ID: _____ Calibration Date(s): 7/25/2024 : _____
Calibration Time(s): 12:09 _____

LAB FILE ID:		RRFAL1 = BN032967.D			RRFAL2 = BN032968.D		RRFAL3 = BN032969.D	
		RRFAL4 = BN032970.D			RRFAL5 = BN032971.D		RRFAL6 = BN032972.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.557	0.673	0.634	0.522	0.498	0.577	12.9
1,4-Dioxane-d8		0.494	0.565	0.544	0.472	0.454	0.506	9.3
Naphthalene	1.022	1.043	1.030	1.048	0.994		1.027	2.0
1-Methylnaphthalene	0.794	0.728	0.771	0.738	0.732		0.753	3.8
2-Methylnaphthalene	0.723	0.684	0.679	0.694	0.699		0.696	2.5
Acenaphthylene	1.647	1.597	1.599	1.688	1.654		1.637	2.4
Acenaphthene	1.270	1.207	1.211	1.260	1.209		1.231	2.5
Fluorene	1.477	1.391	1.396	1.501	1.410		1.435	3.5
Pentachlorophenol		0.086	0.078	0.080	0.078	0.086	0.081	4.9
Phenanthrene	1.227	1.036	1.024	1.054	1.024		1.073	8.1
Anthracene	0.993	0.937	0.935	0.992	0.966		0.965	3.0
Fluoranthene	1.405	1.269	1.283	1.346	1.283		1.317	4.3
Pyrene	1.502	1.369	1.373	1.444	1.374		1.412	4.2
Benzo(a)anthracene	1.476	1.366	1.289	1.369	1.321		1.364	5.2
Chrysene	1.745	1.622	1.554	1.575	1.466		1.592	6.4
Benzo(b)fluoranthene	1.248	1.146	1.110	1.196	1.142		1.168	4.6
Benzo(k)fluoranthene	1.506	1.447	1.366	1.371	1.312		1.400	5.4
Benzo(a)pyrene	1.163	1.096	1.077	1.115	1.047		1.100	4.0
Indeno(1,2,3-cd)pyrene	1.830	1.658	1.624	1.670	1.579		1.672	5.7
Dibenzo(a,h)anthracene	1.448	1.310	1.291	1.321	1.257		1.325	5.5
Benzo(g,h,i)perylene	1.460	1.327	1.288	1.325	1.245		1.329	6.1
Fluoranthene-d10	1.187	1.110	1.095	1.155	1.116		1.133	3.3
2-Methylnaphthalene-d10	0.673	0.640	0.653	0.650	0.646		0.653	1.9

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.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 16:37

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	1674	7.528	6098	10.30	4702	14.17
	UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
	LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
	EPA SAMPLE NO.						
01	SBLK220	1940	7.51	7059	10.26	4649	14.15
02	C0AW7	2375	7.50	8557	10.26	5559	14.14
03	A4CN0DL	1833	7.52	6233	10.32	4489	14.16
04	A4CL9DL	1620	7.53	5767	10.33	4235	14.16
05	C0AX3	1752	7.51	6366	10.26	4143	14.15
06	C0AX4	2269	7.50	8216	10.26	5495	14.14
07	C0AX6	2335	7.50	8416	10.26	5882	14.14
08	C0AY8	2978	7.50	10622	10.25	13666 *	14.13
09	C0AZ4	2472	7.50	9000	10.26	6125	14.14
10	C0AY9	2221	7.50	8064	10.26	5933	14.14
11	C0AZ0	2191	7.50	8144	10.25	5712	14.14
12	C0AZ6	2641	7.50	9630	10.26	6379	14.14
13	C0B03	1666	7.50	6185	10.26	4208	14.14
14	SLCS262	2082	7.55	7797	10.33	5839	14.17
15	SLCS277	1609	7.59	5605	10.36	4278	14.18
16	SLCS220	1786	7.59	6487	10.36	4965	14.18
17	SBLK277	1939	7.51	7473	10.26	5041	14.14
18	SBLK262	1970	7.50	7391	10.26	4315	14.14
19	F7E00	3111	7.50	11295	10.25	13094 *	14.13
20	F7E01	2401	7.49	8983	10.25	44399 *	14.12
21	F7E20	2554	7.49	8296	10.25	6612	14.13
22	F7E07	3163	7.48	9786	10.26	37288 *	14.13
23	F7E25	3086	7.49	10069	10.25	47092 *	14.12

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 07:43

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	1674	7.528	6098	10.30	4702	14.17
UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
EPA SAMPLE NO.						
24 F7E09	2244	7.49	8316	10.25	16457 *	14.11
25 F7E03	2715	7.48	8758	10.25	27461 *	14.12
26 F7E02	2167	7.49	7891	10.24	11989 *	14.11

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.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4286 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BN033069.D Time Analyzed: 16:37

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	1238	7.583	4139	10.37	3010	14.18
	UPPER LIMIT	2476	8.083	8278	10.866	6020	14.68
	LOWER LIMIT	619	7.083	2069.5	9.866	1505	13.68
	EPA SAMPLE NO.						
01	SBLK220	1940	7.51	7059	10.26	4649	14.15
02	C0AW7	2375	7.50	8557 *	10.26	5559	14.14
03	A4CN0DL	1833	7.52	6233	10.32	4489	14.16
04	A4CL9DL	1620	7.53	5767	10.33	4235	14.16
05	C0AX3	1752	7.51	6366	10.26	4143	14.15
06	C0AX4	2269	7.50	8216	10.26	5495	14.14
07	C0AX6	2335	7.50	8416 *	10.26	5882	14.14
08	C0AY8	2978 *	7.50	10622 *	10.25	13666 *	14.13
09	C0AZ4	2472	7.50	9000 *	10.26	6125 *	14.14
10	C0AY9	2221	7.50	8064	10.26	5933	14.14
11	C0AZ0	2191	7.50	8144	10.25	5712	14.14
12	C0AZ6	2641 *	7.50	9630 *	10.26	6379 *	14.14
13	C0B03	1666	7.50	6185	10.26	4208	14.14
14	SLCS262	2082	7.55	7797	10.33	5839	14.17
15	SLCS277	1609	7.59	5605	10.36	4278	14.18
16	SLCS220	1786	7.59	6487	10.36	4965	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4286 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN033069.D Time Analyzed: 01:40

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	1238	7.583	4139	10.37	3010	14.18
UPPER LIMIT	2476	8.083	8278	10.866	6020	14.68
LOWER LIMIT	619	7.083	2069.5	9.866	1505	13.68
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.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4287 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN033086.D Time Analyzed: 03:29

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	1714	7.6	5409	10.36	4514	14.18
UPPER LIMIT	3428	8.1	10818	10.855	9028	14.675
LOWER LIMIT	857	7.1	2704.5	9.855	2257	13.675
EPA SAMPLE NO.						
01 SBLK277	1939	7.51	7473	10.26	5041	14.14
02 SBLK262	1970	7.50	7391	10.26	4315	14.14
03 F7E00	3111	7.50	11295 *	10.25	13094 *	14.13
04 F7E01	2401	7.49	8983	10.25	44399 *	14.12
05 F7E20	2554	7.49	8296	10.25	6612	14.13
06 F7E07	3163	7.48	9786	10.26	37288 *	14.13
07 F7E25	3086	7.49	10069	10.25	47092 *	14.12
08 F7E09	2244	7.49	8316	10.25	16457 *	14.11
09 F7E03	2715	7.48	8758	10.25	27461 *	14.12
10 F7E02	2167	7.49	7891	10.24	11989 *	14.11

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.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 16:37

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	10164	16.945	10640	21.16	13994	23.349
	UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
	LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
	EPA SAMPLE NO.						
01	SBLK220	10927	16.91	10153	21.18	7135	23.34
02	C0AW7	13493	16.91	13993	21.14	14333	23.32
03	A4CN0DL	10247	16.93	9747	21.15	12092	23.33
04	A4CL9DL	9456	16.93	8878	21.15	10774	23.34
05	C0AX3	10073	16.91	10237	21.15	9333	23.32
06	C0AX4	11803	16.91	12423	21.14	10754	23.31
07	C0AX6	13395	16.91	12789	21.13	12353	23.31
08	C0AY8	18029	16.90	16223	21.13	18187	23.31
09	C0AZ4	14449	16.91	13572	21.13	13209	23.31
10	C0AY9	13639	16.91	12813	21.15	11828	23.32
11	C0AZ0	12821	16.90	12921	21.13	13115	23.31
12	C0AZ6	15025	16.91	14214	21.13	14516	23.31
13	C0B03	9912	16.91	10027	21.15	8264	23.33
14	SLCS262	13890	16.95	13679	21.15	15251	23.33
15	SLCS277	10134	16.95	10216	21.16	11996	23.34
16	SLCS220	11855	16.95	11433	21.15	13055	23.34
17	SBLK277	11920	16.91	11483	21.17	8762	23.33
18	SBLK262	11486	16.91	9228	21.17	6208 *	23.33
19	F7E00	18046	16.90	21541 *	21.13	19971	23.31
20	F7E01	16146	16.91	16956	21.14	31930 *	23.31
21	F7E20	14104	16.90	15490	21.14	29988 *	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 06:31

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	10164	16.945	10640	21.16	13994	23.349
UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
EPA SAMPLE NO.						
22 F7E07	17438	16.91	22791 *	21.14	19161	23.31
23 F7E25	18562	16.91	19541	21.14	29688 *	23.31
24 F7E09	13235	16.90	12850	21.13	13053	23.30
25 F7E03	15786	16.91	14210	21.13	16322	23.30
26 F7E02	12783	16.90	11739	21.13	14162	23.30

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4286 Date Analyzed: Jul 29 2024 12:00AM

Lab File ID: BN033069.D Time Analyzed: 16:37

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	7281	16.958	7849	21.166	8503	23.358
	UPPER LIMIT	14562	17.458	15698	21.666	17006	23.858
	LOWER LIMIT	3640.5	16.458	3924.5	20.666	4251.5	22.858
	EPA SAMPLE NO.						
01	SBLK220	10927	16.91	10153	21.18	7135	23.34
02	C0AW7	13493	16.91	13993	21.14	14333	23.32
03	A4CN0DL	10247	16.93	9747	21.15	12092	23.33
04	A4CL9DL	9456	16.93	8878	21.15	10774	23.34
05	C0AX3	10073	16.91	10237	21.15	9333	23.32
06	C0AX4	11803	16.91	12423	21.14	10754	23.31
07	C0AX6	13395	16.91	12789	21.13	12353	23.31
08	C0AY8	18029 *	16.90	16223 *	21.13	18187 *	23.31
09	C0AZ4	14449	16.91	13572	21.13	13209	23.31
10	C0AY9	13639	16.91	12813	21.15	11828	23.32
11	C0AZ0	12821	16.90	12921	21.13	13115	23.31
12	C0AZ6	15025 *	16.91	14214	21.13	14516	23.31
13	C0B03	9912	16.91	10027	21.15	8264	23.33
14	SLCS262	13890	16.95	13679	21.15	15251	23.33
15	SLCS277	10134	16.95	10216	21.16	11996	23.34
16	SLCS220	11855	16.95	11433	21.15	13055	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4286 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN033069.D Time Analyzed: 01:40

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	7281	16.958	7849	21.166	8503	23.358
UPPER LIMIT	14562	17.458	15698	21.666	17006	23.858
LOWER LIMIT	3640.5	16.458	3924.5	20.666	4251.5	22.858
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.: BN073024 SAS No.: BN073024 SDG NO.: BN073024

EPA Sample No.: SSTD0.4287 Date Analyzed: Jul 30 2024 12:00AM

Lab File ID: BN033086.D Time Analyzed: 03:29

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	10749	16.954	11235	21.16	11743	23.346
UPPER LIMIT	21498	17.454	22470	21.66	23486	23.846
LOWER LIMIT	5374.5	16.454	5617.5	20.66	5871.5	22.846
EPA SAMPLE NO.						
01 SBLK277	11920	16.91	11483	21.17	8762	23.33
02 SBLK262	11486	16.91	9228	21.17	6208	23.33
03 F7E00	18046	16.90	21541	21.13	19971	23.31
04 F7E01	16146	16.91	16956	21.14	31930 *	23.31
05 F7E20	14104	16.90	15490	21.14	29988 *	23.31
06 F7E07	17438	16.91	22791 *	21.14	19161	23.31
07 F7E25	18562	16.91	19541	21.14	29688 *	23.31
08 F7E09	13235	16.90	12850	21.13	13053	23.30
09 F7E03	15786	16.91	14210	21.13	16322	23.30
10 F7E02	12783	16.90	11739	21.13	14162	23.30

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN073024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162220BS	1,4-Dioxane	66.7	58	ug/Kg	87				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	9.8	ug/Kg	74				0	0	
	Acenaphthylene	13.3	9.9	ug/Kg	74				0	0	
	Acenaphthene	13.3	12	ug/Kg	90				0	0	
	Fluorene	13.3	11	ug/Kg	83				0	0	
	Pentachlorophenol	26.7	15	ug/Kg	56				0	0	
	Phenanthrene	13.3	10	ug/Kg	75				0	0	
	Anthracene	13.3	9.2	ug/Kg	69				0	0	
	Fluoranthene	13.3	12	ug/Kg	90				0	0	
	Pyrene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)anthracene	13.3	9.8	ug/Kg	74				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	13	ug/Kg	98				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0	
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN073024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162262BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	Acenaphthylene	0.4	0.34	ug/L	85				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.36	ug/L	90				0	0	
	Pentachlorophenol	0.8	0.53	ug/L	66				0	0	
	Phenanthrene	0.4	0.34	ug/L	85				0	0	
	Anthracene	0.4	0.32	ug/L	80				0	0	
	Fluoranthene	0.4	0.38	ug/L	95				0	0	
	Pyrene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN073024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162277BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.32	ug/L	80				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.29	ug/L	73				0	0		
	Pentachlorophenol	0.8	0.5	ug/L	63				0	0		
	Phenanthrene	0.4	0.33	ug/L	83				0	0		
	Anthracene	0.4	0.3	ug/L	75				0	0		
	Fluoranthene	0.4	0.36	ug/L	90				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.31	ug/L	78				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK220

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN073024

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033070.D

Lab Sample ID: PB162220BL

Instrument ID: BNA_N

Date Extracted: 07/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 16:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E00	P3329-01	BN033089.D	07/30/2024
F7E01	P3329-02	BN033090.D	07/30/2024
F7E20	P3329-12	BN033091.D	07/30/2024
F7E07	P3329-05	BN033092.D	07/30/2024
F7E25	P3329-17	BN033093.D	07/30/2024
F7E09	P3329-07	BN033094.D	07/30/2024
F7E03	P3329-04	BN033095.D	07/30/2024
F7E02	P3329-03	BN033096.D	07/30/2024
PB162220BS	PB162220BS	BN033085.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AW7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN073024

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033071.D

Lab Sample ID: P3347-04

Instrument ID: BNA_N

Date Extracted: 07/24/2024

Matrix: (soil/water) Water

Date Analyzed: 07/29/2024

Level: (low/med) LOW

Time Analyzed: 17:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AW7	P3347-04	BN033071.D	07/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK262

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN073024

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033088.D

Lab Sample ID: PB162262BL

Instrument ID: BNA_N

Date Extracted: 07/24/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 04:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AY9	P3347-05	BN033079.D	07/29/2024
C0AZ0	P3347-06	BN033080.D	07/29/2024
C0AZ6	P3347-07	BN033081.D	07/29/2024
C0B03	P3347-08	BN033082.D	07/29/2024
PB162262BS	PB162262BS	BN033083.D	07/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK277

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN073024

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033087.D

Lab Sample ID: PB162277BL

Instrument ID: BNA_N

Date Extracted: 07/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/30/2024

Level: (low/med) LOW

Time Analyzed: 03:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162277BS	PB162277BS	BN033084.D	07/30/2024
C0AX3	P3347-11	BN033074.D	07/29/2024
C0AX4	P3347-12	BN033075.D	07/29/2024
C0AX6	P3347-13	BN033076.D	07/29/2024
C0AY8	P3347-14	BN033077.D	07/29/2024
C0AZ4	P3347-15	BN033078.D	07/29/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN073024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3264-13DL	A4CL9DL	BN033073.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P3264-20DL	A4CN0DL	BN033072.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140

Surrogate Summary

SW-846

SDG No.: **BN073024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-01	F7E00	BN033089.D	1,4-Dioxane-d8	8	1.28	16		15	120
			Fluoranthene-d10	0.4	0.07	17	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	20		20	140
P3329-02	F7E01	BN033090.D	1,4-Dioxane-d8	8	2.12	26		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P3329-03	F7E02	BN033096.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P3329-04	F7E03	BN033095.D	1,4-Dioxane-d8	8	2.57	32		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140
P3329-05	F7E07	BN033092.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3329-07	F7E09	BN033094.D	1,4-Dioxane-d8	8	2.58	32		15	120
			Fluoranthene-d10	0.4	0.24	61		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P3329-12	F7E20	BN033091.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P3329-17	F7E25	BN033093.D	1,4-Dioxane-d8	8	1.80	22		15	120
			Fluoranthene-d10	0.4	0.94	235	*	30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
PB162220BL	PB162220BL	BN033070.D	1,4-Dioxane-d8	8	5.08	64		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
PB162220BS	PB162220BS	BN033085.D	1,4-Dioxane-d8	8	0.68	8	*	15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140

Surrogate Summary

SW-846

SDG No.: BN073024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3347-04	C0AW7	BN033071.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130

Surrogate Summary

SW-846

SDG No.: **BN073024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3347-05	C0AY9	BN033079.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P3347-06	C0AZ0	BN033080.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Fluoranthene-d10	0.4	0.59	148	*	30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P3347-07	C0AZ6	BN033081.D	1,4-Dioxane-d8	8	1.90	24		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
P3347-08	C0B03	BN033082.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
PB162262BL	PB162262BL	BN033088.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
PB162262BS	PB162262BS	BN033083.D	1,4-Dioxane-d8	8	0.80	10	*	15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130

Surrogate Summary

SW-846

SDG No.: **BN073024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3347-11	C0AX3	BN033074.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P3347-12	C0AX4	BN033075.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P3347-13	C0AX6	BN033076.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P3347-14	C0AY8	BN033077.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
P3347-15	C0AZ4	BN033078.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
PB162277BL	PB162277BL	BN033087.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
PB162277BS	PB162277BS	BN033084.D	1,4-Dioxane-d8	8	0.70	9	*	15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN073024

Lab Code: CHEM

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033068.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.1
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.9
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	64.7
443	15.0 - 24.0% of mass 442	12.4 (19.2) 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
SSTD0.4286	SSTDCCC0.4	BN033069.D	07/29/2024	16:01
SBLK220	PB162220BL	BN033070.D	07/29/2024	16:37
C0AW7	P3347-04	BN033071.D	07/29/2024	17:13
A4CN0DL	P3264-20DL	BN033072.D	07/29/2024	17:49
A4CL9DL	P3264-13DL	BN033073.D	07/29/2024	18:26
C0AX3	P3347-11	BN033074.D	07/29/2024	19:02
C0AX4	P3347-12	BN033075.D	07/29/2024	19:38
C0AX6	P3347-13	BN033076.D	07/29/2024	20:14
C0AY8	P3347-14	BN033077.D	07/29/2024	20:50
C0AZ4	P3347-15	BN033078.D	07/29/2024	21:26
C0AY9	P3347-05	BN033079.D	07/29/2024	22:02
C0AZ0	P3347-06	BN033080.D	07/29/2024	22:39
C0AZ6	P3347-07	BN033081.D	07/29/2024	23:15
C0B03	P3347-08	BN033082.D	07/29/2024	23:52
SLCS262	PB162262BS	BN033083.D	07/30/2024	00:28
SLCS277	PB162277BS	BN033084.D	07/30/2024	01:04
SLCS220	PB162220BS	BN033085.D	07/30/2024	01:40
SSTD0.4287	SSTDCCC0.4	BN033086.D	07/30/2024	02:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN073024

Lab Code: CHEM

SAS No.: BN073024 SDG NO.: BN073024

Lab File ID: BN033068.D

DFTPP Injection Date: 07/29/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.1
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.9
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	64.7
443	15.0 - 24.0% of mass 442	12.4 (19.2) 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
SBLK277	PB162277BL	BN033087.D	07/30/2024	03:29
SBLK262	PB162262BL	BN033088.D	07/30/2024	04:05
F7E00	P3329-01	BN033089.D	07/30/2024	04:42
F7E01	P3329-02	BN033090.D	07/30/2024	05:18
F7E20	P3329-12	BN033091.D	07/30/2024	05:54
F7E07	P3329-05	BN033092.D	07/30/2024	06:31
F7E25	P3329-17	BN033093.D	07/30/2024	07:07
F7E09	P3329-07	BN033094.D	07/30/2024	07:43
F7E03	P3329-04	BN033095.D	07/30/2024	08:19
F7E02	P3329-03	BN033096.D	07/30/2024	08:56