

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG No.: BN072624

Instrument ID: BNA_N Calibration Date/Time: 7/26/2024 1:09:22

Lab File ID: BN032989.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4282 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.506	0.601	0.010	18.7293	40.0
1,4-Dioxane	0.577	0.602	0.010	4.3791	40.0
Naphthalene	1.027	1.069	0.600	4.0921	30.0
1-Methylnaphthalene	0.753	0.763	0.300	1.45	30.0
2-Methylnaphthalene	0.696	0.679	0.300	-2.482	30.0
Acenaphthylene	1.637	1.751	0.900	6.9786	30.0
Acenaphthene	1.231	1.367	0.500	11.0	30.0
Fluorene	1.435	1.528	0.700	6.4902	30.0
Pentachlorophenol	0.081	0.058	0.010	-29.3035	50.0
Phenanthrene	1.073	1.052	0.300	-1.9105	30.0
Anthracene	0.965	0.918	0.400	-4.7837	30.0
Fluoranthene	1.317	1.426	0.400	8.2607	30.0
Pyrene	1.412	1.491	0.500	5.5392	30.0
Benzo (a) anthracene	1.364	1.287	0.400	-5.6603	30.0
Chrysene	1.592	1.705	0.400	7.0839	30.0
Benzo (b) fluoranthene	1.168	1.207	0.200	3.3002	30.0
Benzo (k) fluoranthene	1.400	1.448	0.200	3.4356	30.0
Benzo (a) pyrene	1.100	1.282	0.200	16.6097	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.470	0.200	-12.1138	30.0
Dibenzo (a,h) anthracene	1.325	1.151	0.200	-13.1467	30.0
Benzo (g,h,i) perylene	1.329	1.223	0.200	-7.9178	30.0
Fluoranthene-d10	1.133	1.132	0.400	-0.017	30.0
2-Methylnaphthalene-d10	0.653	0.608	0.300	-6.7757	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.: BN072624 SAS No.: BN072624 SDG No.: BN072624

Instrument ID: BNA_N Calibration Date/Time: 7/26/2024 1:15:50

Lab File ID: BN032998.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4283 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	0.623	0.010	7.959	40.0
1,4-Dioxane-d8	0.506	0.578	0.010	14.2836	40.0
Naphthalene	1.027	1.020	0.600	-0.692	30.0
1-Methylnaphthalene	0.753	0.724	0.300	-3.8478	30.0
2-Methylnaphthalene	0.696	0.654	0.300	-6.003	30.0
Acenaphthylene	1.637	1.668	0.900	1.9101	30.0
Acenaphthene	1.231	1.303	0.500	5.8233	30.0
Fluorene	1.435	1.429	0.700	-0.4301	30.0
Pentachlorophenol	0.081	0.062	0.010	-24.2211	50.0
Phenanthrene	1.073	1.019	0.300	-4.9839	30.0
Anthracene	0.965	0.875	0.400	-9.3222	30.0
Fluoranthene	1.317	1.421	0.400	7.9281	30.0
Pyrene	1.412	1.223	0.500	-13.3965	30.0
Benzo (a) anthracene	1.364	1.260	0.400	-7.6338	30.0
Chrysene	1.592	1.749	0.400	9.8397	30.0
Benzo (b) fluoranthene	1.168	1.186	0.200	1.506	30.0
Benzo (k) fluoranthene	1.400	1.446	0.200	3.2418	30.0
Benzo (a) pyrene	1.100	1.151	0.200	4.63	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.572	0.200	-5.9907	30.0
Dibenzo (a,h) anthracene	1.325	1.221	0.200	-7.8761	30.0
Benzo (g,h,i) perylene	1.329	1.262	0.200	-5.0054	30.0
Fluoranthene-d10	1.133	1.149	0.400	1.4966	30.0
2-Methylnaphthalene-d10	0.653	0.599	0.300	-8.1819	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.: BN072624 SAS No.: BN072624 SDG No.: BN072624

Instrument ID: BNA_N Calibration Date/Time: 7/27/2024 1:02:03

Lab File ID: BN033015.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4284 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.506	0.546	0.010	7.9689	40.0
1,4-Dioxane	0.577	0.578	0.010	0.1702	40.0
Naphthalene	1.027	1.063	0.600	3.4646	30.0
1-Methylnaphthalene	0.753	0.755	0.300	0.3033	30.0
2-Methylnaphthalene	0.696	0.662	0.300	-4.9261	30.0
Acenaphthylene	1.637	1.759	0.900	7.4409	30.0
Acenaphthene	1.231	1.368	0.500	11.1031	30.0
Fluorene	1.435	1.483	0.700	3.3267	30.0
Pentachlorophenol	0.081	0.052	0.010	-36.0222	50.0
Phenanthrene	1.073	1.053	0.300	-1.8403	30.0
Anthracene	0.965	0.919	0.400	-4.7811	30.0
Fluoranthene	1.317	1.188	0.400	-9.7922	30.0
Pyrene	1.412	1.312	0.500	-7.1179	30.0
Benzo (a) anthracene	1.364	1.300	0.400	-4.6847	30.0
Chrysene	1.592	1.679	0.400	5.4181	30.0
Benzo (b) fluoranthene	1.168	1.267	0.200	8.4472	30.0
Benzo (k) fluoranthene	1.400	1.554	0.200	10.9673	30.0
Benzo (a) pyrene	1.100	1.297	0.200	17.9144	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.424	0.200	-14.8358	30.0
Dibenzo (a,h) anthracene	1.325	1.135	0.200	-14.3649	30.0
Benzo (g,h,i) perylene	1.329	1.176	0.200	-11.5147	30.0
Fluoranthene-d10	1.133	0.974	0.400	-14.0139	30.0
2-Methylnaphthalene-d10	0.653	0.595	0.300	-8.8904	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.: BN072624 SAS No.: BN072624 SDG No.: BN072624

Instrument ID: BNA_N Calibration Date/Time: 7/27/2024 1:09:53

Lab File ID: BN033026.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4285 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.506	0.573	0.010	13.1844	40.0
1,4-Dioxane	0.577	0.602	0.010	4.3477	40.0
Naphthalene	1.027	1.009	0.600	-1.7967	30.0
1-Methylnaphthalene	0.753	0.694	0.300	-7.7708	30.0
2-Methylnaphthalene	0.696	0.644	0.300	-7.3805	30.0
Acenaphthylene	1.637	1.664	0.900	1.662	30.0
Acenaphthene	1.231	1.309	0.500	6.3393	30.0
Fluorene	1.435	1.418	0.700	-1.2145	30.0
Pentachlorophenol	0.081	0.051	0.010	-37.4082	50.0
Phenanthrene	1.073	1.002	0.300	-6.6363	30.0
Anthracene	0.965	0.870	0.400	-9.827	30.0
Fluoranthene	1.317	1.371	0.400	4.0655	30.0
Pyrene	1.412	1.416	0.500	0.2212	30.0
Benzo (a) anthracene	1.364	1.175	0.400	-13.8753	30.0
Chrysene	1.592	1.591	0.400	-0.0709	30.0
Benzo (b) fluoranthene	1.168	1.129	0.200	-3.3825	30.0
Benzo (k) fluoranthene	1.400	1.403	0.200	0.2157	30.0
Benzo (a) pyrene	1.100	1.170	0.200	6.3758	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.347	0.200	-19.4257	30.0
Dibenzo (a,h) anthracene	1.325	1.080	0.200	-18.51	30.0
Benzo (g,h,i) perylene	1.329	1.128	0.200	-15.0678	30.0
Fluoranthene-d10	1.133	1.145	0.400	1.1256	30.0
2-Methylnaphthalene-d10	0.653	0.602	0.300	-7.6949	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.: BN072624 SAS No.: BN072624 SDG No.: BN072624

Instrument ID: BNA_N Calibration Date/Time: 7/27/2024 1:15:19

Lab File ID: BN033034.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-d8	0.506	0.639	0.010	26.2394	50.0
1,4-Dioxane	0.577	0.660	0.010	14.3387	50.0
Naphthalene	1.027	1.003	0.600	-2.3105	50.0
1-Methylnaphthalene	0.753	0.705	0.300	-6.3302	50.0
2-Methylnaphthalene	0.696	0.624	0.300	-10.3321	50.0
Acenaphthylene	1.637	1.613	0.900	-1.4675	50.0
Acenaphthene	1.231	1.287	0.500	4.5034	50.0
Fluorene	1.435	1.405	0.700	-2.124	50.0
Pentachlorophenol	0.081	0.054	0.010	-34.0156	50.0
Phenanthrene	1.073	1.006	0.300	-6.2121	50.0
Anthracene	0.965	0.850	0.400	-11.8586	50.0
Fluoranthene	1.317	1.338	0.400	1.6046	50.0
Pyrene	1.412	1.392	0.500	-1.4243	50.0
Benzo (a) anthracene	1.364	1.157	0.400	-15.198	50.0
Chrysene	1.592	1.582	0.400	-0.6697	50.0
Benzo (b) fluoranthene	1.168	1.101	0.200	-5.7707	50.0
Benzo (k) fluoranthene	1.400	1.462	0.200	4.409	50.0
Benzo (a) pyrene	1.100	1.166	0.200	6.0448	50.0
Indeno (1,2,3-cd) pyrene	1.672	1.354	0.200	-19.0137	50.0
Dibenzo (a,h) anthracene	1.325	1.085	0.200	-18.1288	50.0
Benzo (g,h,i) perylene	1.329	1.146	0.200	-13.7528	50.0
Fluoranthene-d10	1.133	1.128	0.400	-0.4168	50.0
2-Methylnaphthalene-d10	0.653	0.611	0.300	-6.3876	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK156	SDG No.:	BN072624
Lab Sample ID:	PB162156BL	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
BN032990.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162156

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	4.899		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.297		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		30-130		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3510		7.503			
1146-65-2	Naphthalene-d8	12465		10.267			
15067-26-2	Acenaphthene-d10	8039		14.152			

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:	SBLK156	SDG No.:	BN072624
Lab Sample ID:	PB162156BL	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
BN032990.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18186	16.92				
1719-03-5	Chrysene-d12	15928	21.171				
1520-96-3	Perylene-d12	13979	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ7	SDG No.:	BN072624
Lab Sample ID:	P3264-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	29.9 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
BN032991.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

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	140	E	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	240	E	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	500	E	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	89	E	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	500	E	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	500	E	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	270	E	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	300	E	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	140	E	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	200	E	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	E	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	E	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	E	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.304	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.326		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2956		7.524			
1146-65-2	Naphthalene-d8	10958		10.278			
15067-26-2	Acenaphthene-d10	6803		14.152			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ7	SDG No.:	BN072624
Lab Sample ID:	P3264-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	29.9 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
BN032991.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15495	16.92				
1719-03-5	Chrysene-d12	14897	21.139				
1520-96-3	Perylene-d12	17473	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502	SDG No.:	BN072624
Lab Sample ID:	P3287-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032992.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

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	270	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	360	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	580	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	310	E	0.68	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	510	E	0.51	0.82	3.3	ug/Kg
120-12-7	Anthracene	550	E	0.52	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	340	E	0.68	0.82	3.3	ug/Kg
129-00-0	Pyrene	140	E	0.52	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	45		0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	120	E	0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	E	0.86	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	E	0.89	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	E	0.98	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.337	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3516		7.512			
1146-65-2	Naphthalene-d8	12602		10.273			
15067-26-2	Acenaphthene-d10	7566		14.152			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502	SDG No.:	BN072624
Lab Sample ID:	P3287-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032992.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17282	16.916				
1719-03-5	Chrysene-d12	16156	21.143				
1520-96-3	Perylene-d12	18180	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ7DL	SDG No.:	BN072624
Lab Sample ID:	P3264-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	29.9 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
BN032993.D	10	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	150	D	3.7	8.3	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	U	8.5	8.3	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.3	33	ug/Kg
208-96-8	Acenaphthylene	220	D	4.7	8.3	33	ug/Kg
83-32-9	Acenaphthene	500	D	3.9	8.3	33	ug/Kg
86-73-7	Fluorene	82	D	6.8	8.3	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.8	67	ug/Kg
85-01-8	Phenanthrene	500	D	5.1	8.3	33	ug/Kg
120-12-7	Anthracene	450	D	5.2	8.3	33	ug/Kg
206-44-0	Fluoranthene	270	D	6.8	8.3	33	ug/Kg
129-00-0	Pyrene	310	D	5.2	8.3	33	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	4.2	8.3	33	ug/Kg
218-01-9	Chrysene	230	D	4.2	8.3	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	290	D	2.1	8.3	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	D	3.9	8.3	33	ug/Kg
50-32-8	Benzo(a)pyrene	39	D	3.6	8.3	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	8.6	8.3	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	D	8.9	8.3	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	D	9.8	8.3	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.41	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2861		7.528			
1146-65-2	Naphthalene-d8	9819		10.317			
15067-26-2	Acenaphthene-d10	7334		14.166			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ7DL	SDG No.:	BN072624
Lab Sample ID:	P3264-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	29.9 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
BN032993.D	10	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16006	16.933				
1719-03-5	Chrysene-d12	15339	21.151				
1520-96-3	Perylene-d12	18857	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502DL	SDG No.:	BN072624
Lab Sample ID:	P3287-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032994.D	10	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	270	D	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	U	8.5	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	310	D	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	590	ED	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	280	D	6.8	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.7	67	ug/Kg
85-01-8	Phenanthrene	510	D	5.1	8.2	33	ug/Kg
120-12-7	Anthracene	490	D	5.2	8.2	33	ug/Kg
206-44-0	Fluoranthene	350	D	6.8	8.2	33	ug/Kg
129-00-0	Pyrene	150	D	5.2	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	39	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	130	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	8.6	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	D	8.9	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	D	9.8	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.76	*	15-120		9	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1995		7.541			
1146-65-2	Naphthalene-d8	7941		10.317			
15067-26-2	Acenaphthene-d10	5814		14.162			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502DL	SDG No.:	BN072624
Lab Sample ID:	P3287-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032994.D	10	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12664	16.933				
1719-03-5	Chrysene-d12	11924	21.16				
1520-96-3	Perylene-d12	15326	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502DL2	SDG No.:	BN072624
Lab Sample ID:	P3287-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032995.D	20	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	0	130	ug/Kg
91-20-3	Naphthalene	270	D	7.4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	17	U	17	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	6.8	U	6.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	290	D	9.4	16.4	66	ug/Kg
83-32-9	Acenaphthene	560	D	7.8	16.4	66	ug/Kg
86-73-7	Fluorene	260	D	14	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	33.4	130	ug/Kg
85-01-8	Phenanthrene	490	D	10	16.4	66	ug/Kg
120-12-7	Anthracene	450	D	10	16.4	66	ug/Kg
206-44-0	Fluoranthene	340	D	14	16.4	66	ug/Kg
129-00-0	Pyrene	140	D	10	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	36	JD	8.4	16.4	66	ug/Kg
218-01-9	Chrysene	130	D	8.4	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	4.2	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	7.8	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	210	D	7.2	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	17	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	D	18	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	D	20	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.34	*	15-120		4	SPK: -8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1796		7.545			
1146-65-2	Naphthalene-d8	6869		10.35			
15067-26-2	Acenaphthene-d10	5733		14.171			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	XB502DL2	SDG No.:	BN072624
Lab Sample ID:	P3287-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032995.D	20	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12002	16.945				
1719-03-5	Chrysene-d12	11467	21.163				
1520-96-3	Perylene-d12	14790	23.346				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	22	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:	A4BE1	SDG No.:	BN072624
Lab Sample ID:	P3264-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032996.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.1	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	0.57	U	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	1	4	ug/Kg
86-73-7	Fluorene	0.82	U	0.82	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.1	ug/Kg
85-01-8	Phenanthrene	0.89	J	0.62	1	4	ug/Kg
120-12-7	Anthracene	0.63	U	0.63	1	4	ug/Kg
206-44-0	Fluoranthene	1.5	J	0.82	1	4	ug/Kg
129-00-0	Pyrene	0.63	U	0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.51	U	0.51	1	4	ug/Kg
218-01-9	Chrysene	0.51	U	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.4	J	0.25	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.47	U	0.47	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.43	U	0.43	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.605		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.189		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.158		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2773		7.512			
1146-65-2	Naphthalene-d8	9847		10.273			
15067-26-2	Acenaphthene-d10	6027		14.157			

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:	A4BE1	SDG No.:	BN072624
Lab Sample ID:	P3264-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032996.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13345	16.92				
1719-03-5	Chrysene-d12	12119	21.154				
1520-96-3	Perylene-d12	12380	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

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:	C0AM0DL	SDG No.:	BN072624
Lab Sample ID:	P3347-01DL	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
BN032997.D	5	7/24/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.155	U	0.155	0	1	ug/L
91-20-3	Naphthalene	9.5	ED	0.055	0.25	0.5	ug/L
90-12-0	1-Methylnaphthalene	1.7	D	0.12	0.25	0.5	ug/L
91-57-6	2-Methylnaphthalene	3.4	D	0.055	0.25	0.5	ug/L
208-96-8	Acenaphthylene	0.14	JD	0.07	0.25	0.5	ug/L
83-32-9	Acenaphthene	9.8	ED	0.065	0.25	0.5	ug/L
86-73-7	Fluorene	8.8	ED	0.11	0.25	0.5	ug/L
87-86-5	Pentachlorophenol	0.205	U	0.205	0.5	1	ug/L
85-01-8	Phenanthrene	19	ED	0.07	0.25	0.5	ug/L
120-12-7	Anthracene	20	ED	0.055	0.25	0.5	ug/L
206-44-0	Fluoranthene	4.2	D	0.11	0.25	0.5	ug/L
129-00-0	Pyrene	2.2	D	0.08	0.25	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.075	U	0.075	0.25	0.5	ug/L
218-01-9	Chrysene	0.07	U	0.07	0.25	0.5	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	0.25	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.095	U	0.095	0.25	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.25	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.115	U	0.115	0.25	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.13	0.25	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.125	U	0.125	0.25	0.5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.485		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2837		7.512			
1146-65-2	Naphthalene-d8	10572		10.279			
15067-26-2	Acenaphthene-d10	6575		14.157			

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:	C0AM0DL	SDG No.:	BN072624
Lab Sample ID:	P3347-01DL	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
BN032997.D	5	7/24/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14237	16.92				
1719-03-5	Chrysene-d12	12693	21.154				
1520-96-3	Perylene-d12	13527	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.155	U			99	ug/L

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:	SBLK156	SDG No.:	BN072624
Lab Sample ID:	PB162156BL	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
BN032999.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162156

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	4.962		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.302		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		30-130		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4056	7.507				
1146-65-2	Naphthalene-d8	14506	10.267				
15067-26-2	Acenaphthene-d10	7155	14.152				

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:	SBLK156	SDG No.:	BN072624
Lab Sample ID:	PB162156BL	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
BN032999.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19294	16.92				
1719-03-5	Chrysene-d12	16592	21.166				
1520-96-3	Perylene-d12	14516	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	SBLK152	SDG No.:	BN072624
Lab Sample ID:	PB162152BL	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
BN033000.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

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	5.123		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3267	7.507				
1146-65-2	Naphthalene-d8	11901	10.267				
15067-26-2	Acenaphthene-d10	7347	14.152				

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:	SBLK152	SDG No.:	BN072624
Lab Sample ID:	PB162152BL	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
BN033000.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16116	16.92				
1719-03-5	Chrysene-d12	13791	21.169				
1520-96-3	Perylene-d12	12060	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	A4CN0	SDG No.:	BN072624
Lab Sample ID:	P3264-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033001.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9.3	ug/Kg
91-20-3	Naphthalene	6.8		0.51	1.1	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	3	J	1.2	1.1	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	3.6	J	0.47	1.1	4.6	ug/Kg
208-96-8	Acenaphthylene	9.7		0.65	1.1	4.6	ug/Kg
83-32-9	Acenaphthene	14		0.54	1.1	4.6	ug/Kg
86-73-7	Fluorene	15		0.94	1.1	4.6	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.3	9.3	ug/Kg
85-01-8	Phenanthrene	140	E	0.71	1.1	4.6	ug/Kg
120-12-7	Anthracene	20		0.72	1.1	4.6	ug/Kg
206-44-0	Fluoranthene	190	E	0.94	1.1	4.6	ug/Kg
129-00-0	Pyrene	150	E	0.72	1.1	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	82	E	0.58	1.1	4.6	ug/Kg
218-01-9	Chrysene	65		0.58	1.1	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.29	1.1	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	34		0.54	1.1	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	95	E	0.5	1.1	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.2	1.1	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		1.2	1.1	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52		1.4	1.1	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.813		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.196		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.161		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3161		7.507			
1146-65-2	Naphthalene-d8	11457		10.273			
15067-26-2	Acenaphthene-d10	6955		14.157			

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:	A4CN0	SDG No.:	BN072624
Lab Sample ID:	P3264-20	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
BN033001.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15785	16.916				
1719-03-5	Chrysene-d12	14512	21.14				
1520-96-3	Perylene-d12	15304	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4CN0MS	SDG No.:	BN072624
Lab Sample ID:	P3264-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033002.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18		1.5	0	9.3	ug/Kg
91-20-3	Naphthalene	5.8		0.51	1.1	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	4	J	1.2	1.1	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.5	J	0.47	1.1	4.6	ug/Kg
208-96-8	Acenaphthylene	7.9		0.65	1.1	4.6	ug/Kg
83-32-9	Acenaphthene	7.1		0.54	1.1	4.6	ug/Kg
86-73-7	Fluorene	7.7		0.95	1.1	4.6	ug/Kg
87-86-5	Pentachlorophenol	14		1.9	2.3	9.3	ug/Kg
85-01-8	Phenanthrene	27		0.71	1.1	4.6	ug/Kg
120-12-7	Anthracene	13		0.72	1.1	4.6	ug/Kg
206-44-0	Fluoranthene	64		0.95	1.1	4.6	ug/Kg
129-00-0	Pyrene	59		0.72	1.1	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	41		0.58	1.1	4.6	ug/Kg
218-01-9	Chrysene	34		0.58	1.1	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	45		0.29	1.1	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.54	1.1	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	39		0.5	1.1	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		1.2	1.1	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1.2	1.1	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		1.4	1.1	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.155	*	15-120		2	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.081		20-140		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3124		7.537			
1146-65-2	Naphthalene-d8	11775		10.306			
15067-26-2	Acenaphthene-d10	5985		14.166			

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:	A4CN0MS	SDG No.:	BN072624
Lab Sample ID:	P3264-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033002.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16545	16.933				
1719-03-5	Chrysene-d12	16121	21.142				
1520-96-3	Perylene-d12	19211	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4CN0MSD	SDG No.:	BN072624
Lab Sample ID:	P3264-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033003.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22		1.5	0	9.3	ug/Kg
91-20-3	Naphthalene	6.9		0.51	1.1	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	6		1.2	1.1	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	6.3		0.47	1.1	4.6	ug/Kg
208-96-8	Acenaphthylene	9.9		0.65	1.1	4.6	ug/Kg
83-32-9	Acenaphthene	9.2		0.54	1.1	4.6	ug/Kg
86-73-7	Fluorene	11		0.95	1.1	4.6	ug/Kg
87-86-5	Pentachlorophenol	16		1.9	2.3	9.3	ug/Kg
85-01-8	Phenanthrene	32		0.71	1.1	4.6	ug/Kg
120-12-7	Anthracene	15		0.72	1.1	4.6	ug/Kg
206-44-0	Fluoranthene	75	E	0.95	1.1	4.6	ug/Kg
129-00-0	Pyrene	69		0.72	1.1	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	49		0.58	1.1	4.6	ug/Kg
218-01-9	Chrysene	41		0.58	1.1	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	52		0.29	1.1	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	28		0.54	1.1	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	46		0.5	1.1	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		1.2	1.1	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		1.2	1.1	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28		1.4	1.1	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.187	*	15-120		2	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.116		20-140		29	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2553		7.537			
1146-65-2	Naphthalene-d8	9702		10.306			
15067-26-2	Acenaphthene-d10	5133		14.166			

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:	A4CN0MSD	SDG No.:	BN072624
Lab Sample ID:	P3264-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	28.2
Sample Wt/Vol:	30.04 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
BN033003.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13428	16.933				
1719-03-5	Chrysene-d12	13110	21.142				
1520-96-3	Perylene-d12	15774	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	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:	A4CL9	SDG No.:	BN072624
Lab Sample ID:	P3264-13	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
BN033004.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	9.8	ug/Kg
91-20-3	Naphthalene	2.9	J	0.54	1.2	4.8	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	1.2	1.2	4.8	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	J	0.5	1.2	4.8	ug/Kg
208-96-8	Acenaphthylene	18		0.69	1.2	4.8	ug/Kg
83-32-9	Acenaphthene	5.7		0.57	1.2	4.8	ug/Kg
86-73-7	Fluorene	9.4		1	1.2	4.8	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	2.5	9.8	ug/Kg
85-01-8	Phenanthrene	110	E	0.75	1.2	4.8	ug/Kg
120-12-7	Anthracene	24		0.76	1.2	4.8	ug/Kg
206-44-0	Fluoranthene	170	E	1	1.2	4.8	ug/Kg
129-00-0	Pyrene	130	E	0.76	1.2	4.8	ug/Kg
56-55-3	Benzo(a)anthracene	95	E	0.62	1.2	4.8	ug/Kg
218-01-9	Chrysene	74		0.62	1.2	4.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.31	1.2	4.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	38		0.57	1.2	4.8	ug/Kg
50-32-8	Benzo(a)pyrene	57		0.53	1.2	4.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.3	1.2	4.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1.3	1.2	4.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.7		1.4	1.2	4.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.664		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.156		30-130		39	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.129		20-140		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3952		7.507			
1146-65-2	Naphthalene-d8	13825		10.267			
15067-26-2	Acenaphthene-d10	6701		14.152			

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:	A4CL9	SDG No.:	BN072624
Lab Sample ID:	P3264-13	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
BN033004.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14581	16.916				
1719-03-5	Chrysene-d12	17240	21.137				
1520-96-3	Perylene-d12	18147	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	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:	A4CM5	SDG No.:	BN072624
Lab Sample ID:	P3264-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033005.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

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	1.1	J	0.43	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	3	J	0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	2.9	J	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	3.4	J	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	31		0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	8.1		0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	44		0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	38		0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	22		0.49	0.97	3.9	ug/Kg
218-01-9	Chrysene	17		0.49	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	31		0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.7		0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	24		0.42	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.1	J	1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.2	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.952		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.206		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.171		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3780		7.507			
1146-65-2	Naphthalene-d8	13241		10.267			
15067-26-2	Acenaphthene-d10	7905		14.152			

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:	A4CM5	SDG No.:	BN072624
Lab Sample ID:	P3264-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033005.D	1	7/18/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17375	16.916				
1719-03-5	Chrysene-d12	16384	21.142				
1520-96-3	Perylene-d12	16883	23.325				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1RE	SDG No.:	BN072624
Lab Sample ID:	P3244-06RE	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BN033006.D	1	7/16/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.55		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	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	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	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	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	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	U	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	3.667		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.303		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5272	7.499				
1146-65-2	Naphthalene-d8	16820	10.262				
15067-26-2	Acenaphthene-d10	63624	14.166				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1RE	SDG No.:	BN072624
Lab Sample ID:	P3244-06RE	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
BN033006.D	1	7/16/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25531	16.911				
1719-03-5	Chrysene-d12	21233	21.139				
1520-96-3	Perylene-d12	18745	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	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:	C0AW7	SDG No.:	BN072624
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
BN033007.D	1	7/24/2024 12:00:00 AM	7/26/2024 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	0.2		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.04	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	0.15		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	0.06	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.99		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	0.03	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	4.932		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.527	*	30-130		132	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	4376		7.503			
1146-65-2	Naphthalene-d8	15245		10.262			
15067-26-2	Acenaphthene-d10	9306		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:	C0AW7	SDG No.:	BN072624
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
BN033007.D	1	7/24/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20286	16.916				
1719-03-5	Chrysene-d12	14113	21.139				
1520-96-3	Perylene-d12	13742	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	E1G65	SDG No.:	BN072624
Lab Sample ID:	P3300-11	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
BN033008.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

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	0.05	J	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	0.03	J	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	0.03	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	0.014	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	4.155		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		30-130		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4584		7.503			
1146-65-2	Naphthalene-d8	15729		10.262			
15067-26-2	Acenaphthene-d10	9464		14.152			

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:	E1G65	SDG No.:	BN072624
Lab Sample ID:	P3300-11	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
BN033008.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21800	16.916				
1719-03-5	Chrysene-d12	18857	21.142				
1520-96-3	Perylene-d12	16944	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	E1GE8	SDG No.:	BN072624
Lab Sample ID:	P3300-12	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
BN033009.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

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	0.09	J	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	0.014	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	4.466		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.499		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3770		7.503			
1146-65-2	Naphthalene-d8	13028		10.262			
15067-26-2	Acenaphthene-d10	8425		14.153			

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:	E1GE8	SDG No.:	BN072624
Lab Sample ID:	P3300-12	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
BN033009.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17859	16.916				
1719-03-5	Chrysene-d12	14878	21.157				
1520-96-3	Perylene-d12	11981	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	E1GE9	SDG No.:	BN072624
Lab Sample ID:	P3300-13	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
BN033010.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

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	0.11		0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.08	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.17		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	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	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	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	U	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	5.041		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.509		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.374		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3437		7.507			
1146-65-2	Naphthalene-d8	11701		10.262			
15067-26-2	Acenaphthene-d10	7844		14.152			

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:	E1GE9	SDG No.:	BN072624
Lab Sample ID:	P3300-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033010.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16765	16.916				
1719-03-5	Chrysene-d12	14438	21.154				
1520-96-3	Perylene-d12	11062	23.329				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	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:	F7E83	SDG No.:	BN072624
Lab Sample ID:	P3301-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BN033011.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

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	0.06	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	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	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	0.02	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.04	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	U	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	4.458		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.498		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.276		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3663		7.507			
1146-65-2	Naphthalene-d8	12991		10.267			
15067-26-2	Acenaphthene-d10	8167		14.152			

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:	F7E83	SDG No.:	BN072624
Lab Sample ID:	P3301-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BN033011.D	1	7/19/2024 12:00:00 AM	7/26/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17477	16.916				
1719-03-5	Chrysene-d12	12847	21.154				
1520-96-3	Perylene-d12	12963	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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:	SLCS190	SDG No.:	BN072624
Lab Sample ID:	PB162190BS	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
BN033012.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.46		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		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	0.994	*	15-120		12	SPK: -8
93951-69-0	Fluoranthene-d10	0.447		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.378		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2376		7.537			
1146-65-2	Naphthalene-d8	11337		10.306			
15067-26-2	Acenaphthene-d10	5908		14.166			

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:	SLCS190	SDG No.:	BN072624
Lab Sample ID:	PB162190BS	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
BN033012.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12791	16.941				
1719-03-5	Chrysene-d12	13656	21.148				
1520-96-3	Perylene-d12	14924	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZD8	SDG No.:	BN072624
Lab Sample ID:	P3280-01	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
BN033013.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.5	E	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	4.833		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.487		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3225	7.507				
1146-65-2	Naphthalene-d8	11445	10.267				
15067-26-2	Acenaphthene-d10	7449	14.152				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZD8	SDG No.:	BN072624
Lab Sample ID:	P3280-01	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
BN033013.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16312	16.916				
1719-03-5	Chrysene-d12	14595	21.139				
1520-96-3	Perylene-d12	12101	23.323				
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:	SLCS101	SDG No.:	BN072624
Lab Sample ID:	PB162101BS	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
BN033014.D	1	7/16/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.3		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.28		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.28		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		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	0.29		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.47		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.29		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.27		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.29		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.27		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.27		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.27		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.62	*	15-120		8	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.273		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2727		7.537			
1146-65-2	Naphthalene-d8	11397		10.311			
15067-26-2	Acenaphthene-d10	7492		14.166			

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:	SLCS101	SDG No.:	BN072624
Lab Sample ID:	PB162101BS	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
BN033014.D	1	7/16/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15904	16.945				
1719-03-5	Chrysene-d12	14616	21.154				
1520-96-3	Perylene-d12	16348	23.34				
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:	SBLK099	SDG No.:	BN072624
Lab Sample ID:	PB162099BL	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
BN033016.D	1	7/16/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162099

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	4.893		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3616		7.507			
1146-65-2	Naphthalene-d8	13009		10.267			
15067-26-2	Acenaphthene-d10	7992		14.152			

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:	SBLK099	SDG No.:	BN072624
Lab Sample ID:	PB162099BL	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
BN033016.D	1	7/16/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17554	16.916				
1719-03-5	Chrysene-d12	15225	21.163				
1520-96-3	Perylene-d12	12838	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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:	SBLK231	SDG No.:	BN072624
Lab Sample ID:	PB162231BL	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
BN033017.D	1	7/23/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162231

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	6.291		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.48		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.291		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3212	7.507				
1146-65-2	Naphthalene-d8	11587	10.262				
15067-26-2	Acenaphthene-d10	7092	14.152				

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:	SBLK231	SDG No.:	BN072624
Lab Sample ID:	PB162231BL	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
BN033017.D	1	7/23/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15512	16.916				
1719-03-5	Chrysene-d12	10688	21.163				
1520-96-3	Perylene-d12	10401	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZD9	SDG No.:	BN072624
Lab Sample ID:	P3280-02	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
BN033018.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.2	E	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	4.281		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.433		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.257		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4401	7.499				
1146-65-2	Naphthalene-d8	15009	10.262				
15067-26-2	Acenaphthene-d10	11394	14.148				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZD9	SDG No.:	BN072624
Lab Sample ID:	P3280-02	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
BN033018.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21308	16.911				
1719-03-5	Chrysene-d12	18890	21.136				
1520-96-3	Perylene-d12	16297	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BN072624
Lab Sample ID:	P3280-03	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
BN033019.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

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	4.153		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.478		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2832		7.503			
1146-65-2	Naphthalene-d8	11866		10.262			
15067-26-2	Acenaphthene-d10	7446		14.152			

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ1	SDG No.:	BN072624
Lab Sample ID:	P3280-03	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
BN033019.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13590	16.916				
1719-03-5	Chrysene-d12	14310	21.151				
1520-96-3	Perylene-d12	11629	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BN072624
Lab Sample ID:	P3280-04	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
BN033020.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.41		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	7.091		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.51		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3092		7.503			
1146-65-2	Naphthalene-d8	10870		10.262			
15067-26-2	Acenaphthene-d10	5596		14.148			

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZJ2	SDG No.:	BN072624
Lab Sample ID:	P3280-04	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
BN033020.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12126	16.916				
1719-03-5	Chrysene-d12	12472	21.151				
1520-96-3	Perylene-d12	10296	23.328				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BN072624
Lab Sample ID:	P3280-07	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
BN033021.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.38		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	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	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	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	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	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	U	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	4.75		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3060		7.503			
1146-65-2	Naphthalene-d8	10917		10.262			
15067-26-2	Acenaphthene-d10	7122		14.148			

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZE1	SDG No.:	BN072624
Lab Sample ID:	P3280-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BN033021.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16119	16.912				
1719-03-5	Chrysene-d12	13846	21.145				
1520-96-3	Perylene-d12	11703	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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:	SLCS203	SDG No.:	BN072624
Lab Sample ID:	PB162203BS	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
BN033022.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		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	0.36		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.55		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		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	0.804		15-120		100	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2190	7.545				
1146-65-2	Naphthalene-d8	9006	10.311				
15067-26-2	Acenaphthene-d10	5983	14.166				

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:	SLCS203	SDG No.:	BN072624
Lab Sample ID:	PB162203BS	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
BN033022.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12745	16.941				
1719-03-5	Chrysene-d12	11533	21.154				
1520-96-3	Perylene-d12	13260	23.343				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK212	SDG No.:	BN072624
Lab Sample ID:	PB162212BL	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
BN033023.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

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	4.835		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3223		7.503			
1146-65-2	Naphthalene-d8	11455		10.262			
15067-26-2	Acenaphthene-d10	7109		14.152			

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SBLK212	SDG No.:	BN072624
Lab Sample ID:	PB162212BL	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
BN033023.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14947	16.916				
1719-03-5	Chrysene-d12	12882	21.163				
1520-96-3	Perylene-d12	10469	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS212	SDG No.:	BN072624
Lab Sample ID:	PB162212BS	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
BN033024.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.41		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.55		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.36		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.844		15-120		105	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.429		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.39		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2069	7.549				
1146-65-2	Naphthalene-d8	6911	10.317				
15067-26-2	Acenaphthene-d10	4723	14.171				

Report of Analysis

Client:		Date Collected:	7/20/2024 12:00:00 AM
Project:		Date Received:	7/20/2024 12:00:00 AM
Client Sample ID:	SLCS212	SDG No.:	BN072624
Lab Sample ID:	PB162212BS	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
BN033024.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9995	16.949				
1719-03-5	Chrysene-d12	9036	21.157				
1520-96-3	Perylene-d12	10771	23.346				
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:	SBLK216	SDG No.:	BN072624
Lab Sample ID:	PB162216BL	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
BN033025.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

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	5.173		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.306		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		30-130		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3664	7.503				
1146-65-2	Naphthalene-d8	13557	10.262				
15067-26-2	Acenaphthene-d10	8436	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:	SBLK216	SDG No.:	BN072624
Lab Sample ID:	PB162216BL	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
BN033025.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18201	16.916				
1719-03-5	Chrysene-d12	16257	21.163				
1520-96-3	Perylene-d12	13682	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	SBLK190	SDG No.:	BN072624
Lab Sample ID:	PB162190BL	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
BN033027.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162190

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	4.765		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3842		7.503			
1146-65-2	Naphthalene-d8	14385		10.262			
15067-26-2	Acenaphthene-d10	8952		14.147			

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:	SBLK190	SDG No.:	BN072624
Lab Sample ID:	PB162190BL	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
BN033027.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162190

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19414	16.915				
1719-03-5	Chrysene-d12	16837	21.165				
1520-96-3	Perylene-d12	13843	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	SBLK203	SDG No.:	BN072624
Lab Sample ID:	PB162203BL	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
BN033028.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

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	4.935		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.308		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3472	7.503				
1146-65-2	Naphthalene-d8	12883	10.262				
15067-26-2	Acenaphthene-d10	8044	14.148				

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:	SBLK203	SDG No.:	BN072624
Lab Sample ID:	PB162203BL	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
BN033028.D	1	7/19/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17210	16.916				
1719-03-5	Chrysene-d12	14875	21.166				
1520-96-3	Perylene-d12	11701	23.337				
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:	SLCS216	SDG No.:	BN072624
Lab Sample ID:	PB162216BS	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
BN033029.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		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	0.34		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		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	0.35		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		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	0.33		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.814		15-120		102	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.403		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1981	7.554				
1146-65-2	Naphthalene-d8	8703	10.317				
15067-26-2	Acenaphthene-d10	5774	14.171				

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:	SLCS216	SDG No.:	BN072624
Lab Sample ID:	PB162216BS	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
BN033029.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12264	16.949				
1719-03-5	Chrysene-d12	10997	21.16				
1520-96-3	Perylene-d12	12564	23.352				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	E1GD4	SDG No.:	BN072624
Lab Sample ID:	P3300-24	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
BN033030.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

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	0.07	J	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	4.758		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.405		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.337		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2550	7.507				
1146-65-2	Naphthalene-d8	9278	10.262				
15067-26-2	Acenaphthene-d10	6143	14.148				

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:	E1GD4	SDG No.:	BN072624
Lab Sample ID:	P3300-24	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
BN033030.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13253	16.916				
1719-03-5	Chrysene-d12	11468	21.163				
1520-96-3	Perylene-d12	8869	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	F7E84	SDG No.:	BN072624
Lab Sample ID:	P3301-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	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
BN033031.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

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	0.07	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	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	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	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.04	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	U	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	4.548		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2655		7.507			
1146-65-2	Naphthalene-d8	9976		10.262			
15067-26-2	Acenaphthene-d10	6460		14.148			

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:	F7E84	SDG No.:	BN072624
Lab Sample ID:	P3301-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033031.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13589	16.916				
1719-03-5	Chrysene-d12	11888	21.163				
1520-96-3	Perylene-d12	9087	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BN072624
Lab Sample ID:	P3280-11	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
BN033032.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		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	5.155		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.497		30-130		124	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	2413	7.503				
1146-65-2	Naphthalene-d8	8788	10.262				
15067-26-2	Acenaphthene-d10	5508	14.148				

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZH8	SDG No.:	BN072624
Lab Sample ID:	P3280-11	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
BN033032.D	1	7/20/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11965	16.916				
1719-03-5	Chrysene-d12	10454	21.154				
1520-96-3	Perylene-d12	8398	23.328				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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:	E1G90	SDG No.:	BN072624
Lab Sample ID:	P3300-15	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
BN033033.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

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	0.03	J	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	0.03	J	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	4.514		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.394		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2480		7.507			
1146-65-2	Naphthalene-d8	9173		10.262			
15067-26-2	Acenaphthene-d10	5965		14.148			

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:	E1G90	SDG No.:	BN072624
Lab Sample ID:	P3300-15	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
BN033033.D	1	7/22/2024 12:00:00 AM	7/27/2024 12:00:00 AM	PB162216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13356	16.911				
1719-03-5	Chrysene-d12	12690	21.151				
1520-96-3	Perylene-d12	10925	23.331				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YDZF1RE								
P3244-06RE	YDZF1RE	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3244-06RE	YDZF1RE	Water	1,4-Dioxane		0.550	0.03	0.2	ug/L
			Total Svoc :			0.55		
			Total Concentration:			0.55		
Client ID : A4DQ7								
P3264-06	A4DQ7	Solid	Total Alkanes	*	0.000	1.1	6.7	ug/Kg
			Total Tics :			0.00		
P3264-06	A4DQ7	Solid	Acenaphthene		500.000	E 0.39	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Acenaphthylene		240.000	E 0.47	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Anthracene		500.000	E 0.52	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Benzo(a)anthracene		140.000	E 0.42	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Benzo(a)pyrene		38.000	0.36	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Benzo(b)fluoranthene		300.000	E 0.21	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Benzo(g,h,i)perylene		150.000	E 0.98	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Benzo(k)fluoranthene		190.000	E 0.39	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Chrysene		200.000	E 0.42	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Dibenzo(a,h)anthracene		180.000	E 0.89	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Fluoranthene		270.000	E 0.68	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Fluorene		89.000	E 0.68	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Indeno(1,2,3-cd)pyrene		180.000	E 0.86	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Naphthalene		140.000	E 0.37	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Phenanthrene		500.000	E 0.51	3.3	ug/Kg
P3264-06	A4DQ7	Solid	Pyrene		300.000	E 0.52	3.3	ug/Kg
			Total Svoc :			3,917.00		
			Total Concentration:			3,917.00		
Client ID : A4DQ7DL								
P3264-06DL	A4DQ7DL	Solid	Total Alkanes	*	0.000	D 11	67	ug/Kg
			Total Tics :			0.00		
P3264-06DL	A4DQ7DL	Solid	Acenaphthene		500.000	D 3.9	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Acenaphthylene		220.000	D 4.7	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Anthracene		450.000	D 5.2	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Benzo(a)anthracene		120.000	D 4.2	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Benzo(a)pyrene		39.000	D 3.6	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Benzo(b)fluoranthene		290.000	D 2.1	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Benzo(g,h,i)perylene		160.000	D 9.8	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Benzo(k)fluoranthene		210.000	D 3.9	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3264-06DL	A4DQ7DL	Solid	Chrysene	230.000	D	4.2	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Dibenzo(a,h)anthracene	180.000	D	8.9	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Fluoranthene	270.000	D	6.8	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Fluorene	82.000	D	6.8	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Indeno(1,2,3-cd)pyrene	180.000	D	8.6	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Naphthalene	150.000	D	3.7	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Phenanthrene	500.000	D	5.1	33	ug/Kg
P3264-06DL	A4DQ7DL	Solid	Pyrene	310.000	D	5.2	33	ug/Kg

Total Svoc : 3,891.00
Total Concentration: 3,891.00

Client ID : A4BE1

P3264-09	A4BE1	Solid	Total Alkanes	*	0.000	1.3	8.1	ug/Kg
P3264-09	A4BE1	Solid	Benzo(b)fluoranthene	1.400	J	0.25	4	ug/Kg
P3264-09	A4BE1	Solid	Fluoranthene	1.500	J	0.82	4	ug/Kg
P3264-09	A4BE1	Solid	Phenanthrene	0.890	J	0.62	4	ug/Kg

Total Svoc : 3.79
Total Concentration: 3.79

Client ID : A4CL9

P3264-13	A4CL9	Solid	Total Alkanes	*	0.000	1.6	9.8	ug/Kg
P3264-13	A4CL9	Solid	1-Methylnaphthalene	1.300	J	1.2	4.8	ug/Kg
P3264-13	A4CL9	Solid	2-Methylnaphthalene	1.500	J	0.5	4.8	ug/Kg
P3264-13	A4CL9	Solid	Acenaphthene	5.700		0.57	4.8	ug/Kg
P3264-13	A4CL9	Solid	Acenaphthylene	18.000		0.69	4.8	ug/Kg
P3264-13	A4CL9	Solid	Anthracene	24.000		0.76	4.8	ug/Kg
P3264-13	A4CL9	Solid	Benzo(a)anthracene	95.000	E	0.62	4.8	ug/Kg
P3264-13	A4CL9	Solid	Benzo(a)pyrene	57.000		0.53	4.8	ug/Kg
P3264-13	A4CL9	Solid	Benzo(b)fluoranthene	130.000	E	0.31	4.8	ug/Kg
P3264-13	A4CL9	Solid	Benzo(g,h,i)perylene	5.700		1.4	4.8	ug/Kg
P3264-13	A4CL9	Solid	Benzo(k)fluoranthene	38.000		0.57	4.8	ug/Kg
P3264-13	A4CL9	Solid	Chrysene	74.000		0.62	4.8	ug/Kg
P3264-13	A4CL9	Solid	Dibenzo(a,h)anthracene	13.000		1.3	4.8	ug/Kg
P3264-13	A4CL9	Solid	Fluoranthene	170.000	E	1	4.8	ug/Kg
P3264-13	A4CL9	Solid	Fluorene	9.400		1	4.8	ug/Kg
P3264-13	A4CL9	Solid	Indeno(1,2,3-cd)pyrene	32.000		1.3	4.8	ug/Kg
P3264-13	A4CL9	Solid	Naphthalene	2.900	J	0.54	4.8	ug/Kg
P3264-13	A4CL9	Solid	Phenanthrene	110.000	E	0.75	4.8	ug/Kg
P3264-13	A4CL9	Solid	Pyrene	130.000	E	0.76	4.8	ug/Kg

Total Svoc : 917.50

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				917.50				
Client ID : A4CM5								
P3264-17	A4CM5	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
Total Tics :				0.00				
P3264-17	A4CM5	Solid	Acenaphthene		2.900	J 0.46	3.9	ug/Kg
P3264-17	A4CM5	Solid	Acenaphthylene		3.000	J 0.55	3.9	ug/Kg
P3264-17	A4CM5	Solid	Anthracene		8.100	0.61	3.9	ug/Kg
P3264-17	A4CM5	Solid	Benzo(a)anthracene		22.000	0.49	3.9	ug/Kg
P3264-17	A4CM5	Solid	Benzo(a)pyrene		24.000	0.42	3.9	ug/Kg
P3264-17	A4CM5	Solid	Benzo(b)fluoranthene		31.000	0.25	3.9	ug/Kg
P3264-17	A4CM5	Solid	Benzo(g,h,i)perylene		13.000	1.2	3.9	ug/Kg
P3264-17	A4CM5	Solid	Benzo(k)fluoranthene		9.700	0.46	3.9	ug/Kg
P3264-17	A4CM5	Solid	Chrysene		17.000	0.49	3.9	ug/Kg
P3264-17	A4CM5	Solid	Dibenzo(a,h)anthracene		3.100	J 1	3.9	ug/Kg
P3264-17	A4CM5	Solid	Fluoranthene		44.000	0.8	3.9	ug/Kg
P3264-17	A4CM5	Solid	Fluorene		3.400	J 0.8	3.9	ug/Kg
P3264-17	A4CM5	Solid	Indeno(1,2,3-cd)pyrene		10.000	1	3.9	ug/Kg
P3264-17	A4CM5	Solid	Naphthalene		1.100	J 0.43	3.9	ug/Kg
P3264-17	A4CM5	Solid	Phenanthrene		31.000	0.6	3.9	ug/Kg
P3264-17	A4CM5	Solid	Pyrene		38.000	0.61	3.9	ug/Kg
Total Svoc :				261.30				
Total Concentration:				261.30				
Client ID : A4CN0								
P3264-20	A4CN0	Solid	Total Alkanes	*	0.000	1.5	9.3	ug/Kg
Total Tics :				0.00				
P3264-20	A4CN0	Solid	1-Methylnaphthalene		3.000	J 1.2	4.6	ug/Kg
P3264-20	A4CN0	Solid	2-Methylnaphthalene		3.600	J 0.47	4.6	ug/Kg
P3264-20	A4CN0	Solid	Acenaphthene		14.000	0.54	4.6	ug/Kg
P3264-20	A4CN0	Solid	Acenaphthylene		9.700	0.65	4.6	ug/Kg
P3264-20	A4CN0	Solid	Anthracene		20.000	0.72	4.6	ug/Kg
P3264-20	A4CN0	Solid	Benzo(a)anthracene		82.000	E 0.58	4.6	ug/Kg
P3264-20	A4CN0	Solid	Benzo(a)pyrene		95.000	E 0.5	4.6	ug/Kg
P3264-20	A4CN0	Solid	Benzo(b)fluoranthene		120.000	E 0.29	4.6	ug/Kg
P3264-20	A4CN0	Solid	Benzo(g,h,i)perylene		52.000	1.4	4.6	ug/Kg
P3264-20	A4CN0	Solid	Benzo(k)fluoranthene		34.000	0.54	4.6	ug/Kg
P3264-20	A4CN0	Solid	Chrysene		65.000	0.58	4.6	ug/Kg
P3264-20	A4CN0	Solid	Dibenzo(a,h)anthracene		12.000	1.2	4.6	ug/Kg
P3264-20	A4CN0	Solid	Fluoranthene		190.000	E 0.94	4.6	ug/Kg
P3264-20	A4CN0	Solid	Fluorene		15.000	0.94	4.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3264-20	A4CN0	Solid	Indeno(1,2,3-cd)pyrene	42.000		1.2	4.6	ug/Kg
P3264-20	A4CN0	Solid	Naphthalene	6.800		0.51	4.6	ug/Kg
P3264-20	A4CN0	Solid	Phenanthrene	140.000	E	0.71	4.6	ug/Kg
P3264-20	A4CN0	Solid	Pyrene	150.000	E	0.72	4.6	ug/Kg
Total Svoc :				1,054.10				
Total Concentration:				1,054.10				
Client ID : YDZD8								
P3280-01	YDZD8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3280-01	YDZD8	Water	1,4-Dioxane	6.500	E	0.031	0.2	ug/L
Total Svoc :				6.50				
Total Concentration:				6.50				
Client ID : YDZD9								
P3280-02	YDZD9	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3280-02	YDZD9	Water	1,4-Dioxane	4.200	E	0.031	0.2	ug/L
Total Svoc :				4.20				
Total Concentration:				4.20				
Client ID : YDZJ1								
P3280-03	YDZJ1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : YDZJ2								
P3280-04	YDZJ2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3280-04	YDZJ2	Water	1,4-Dioxane	0.410		0.031	0.2	ug/L
Total Svoc :				0.41				
Total Concentration:				0.41				
Client ID : YDZE1								
P3280-07	YDZE1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3280-07	YDZE1	Water	1,4-Dioxane	0.380		0.03	0.2	ug/L
Total Svoc :				0.38				
Total Concentration:				0.38				
Client ID : YDZH8								
P3280-11	YDZH8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3280-11	YDZH8	Water	1,4-Dioxane	1.100		0.031	0.2	ug/L
Total Svoc :				1.10				

Hit Summary Sheet
SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	1.10				
Client ID :	XB502							
P3287-03	XB502	Solid	Total Alkanes	*	0.000	1.1	6.7	ug/Kg
			Total Tics :	0.00				
P3287-03	XB502	Solid	Acenaphthene		580.000	E 0.39	3.3	ug/Kg
P3287-03	XB502	Solid	Acenaphthylene		360.000	E 0.47	3.3	ug/Kg
P3287-03	XB502	Solid	Anthracene		550.000	E 0.52	3.3	ug/Kg
P3287-03	XB502	Solid	Benzo(a)anthracene		45.000	0.42	3.3	ug/Kg
P3287-03	XB502	Solid	Benzo(a)pyrene		210.000	E 0.36	3.3	ug/Kg
P3287-03	XB502	Solid	Benzo(b)fluoranthene		140.000	E 0.21	3.3	ug/Kg
P3287-03	XB502	Solid	Benzo(g,h,i)perylene		140.000	E 0.98	3.3	ug/Kg
P3287-03	XB502	Solid	Benzo(k)fluoranthene		100.000	E 0.39	3.3	ug/Kg
P3287-03	XB502	Solid	Chrysene		120.000	E 0.42	3.3	ug/Kg
P3287-03	XB502	Solid	Dibenzo(a,h)anthracene		190.000	E 0.89	3.3	ug/Kg
P3287-03	XB502	Solid	Fluoranthene		340.000	E 0.68	3.3	ug/Kg
P3287-03	XB502	Solid	Fluorene		310.000	E 0.68	3.3	ug/Kg
P3287-03	XB502	Solid	Indeno(1,2,3-cd)pyrene		150.000	E 0.86	3.3	ug/Kg
P3287-03	XB502	Solid	Naphthalene		270.000	E 0.37	3.3	ug/Kg
P3287-03	XB502	Solid	Phenanthrene		510.000	E 0.51	3.3	ug/Kg
P3287-03	XB502	Solid	Pyrene		140.000	E 0.52	3.3	ug/Kg
			Total Svoc :	4,155.00				
			Total Concentration:	4,155.00				
Client ID :	XB502DL							
P3287-03DL	XB502DL	Solid	Total Alkanes	*	0.000	D 11	67	ug/Kg
			Total Tics :	0.00				
P3287-03DL	XB502DL	Solid	Acenaphthene		590.000	ED 3.9	33	ug/Kg
P3287-03DL	XB502DL	Solid	Acenaphthylene		310.000	D 4.7	33	ug/Kg
P3287-03DL	XB502DL	Solid	Anthracene		490.000	D 5.2	33	ug/Kg
P3287-03DL	XB502DL	Solid	Benzo(a)anthracene		39.000	D 4.2	33	ug/Kg
P3287-03DL	XB502DL	Solid	Benzo(a)pyrene		220.000	D 3.6	33	ug/Kg
P3287-03DL	XB502DL	Solid	Benzo(b)fluoranthene		130.000	D 2.1	33	ug/Kg
P3287-03DL	XB502DL	Solid	Benzo(g,h,i)perylene		160.000	D 9.8	33	ug/Kg
P3287-03DL	XB502DL	Solid	Benzo(k)fluoranthene		110.000	D 3.9	33	ug/Kg
P3287-03DL	XB502DL	Solid	Chrysene		130.000	D 4.2	33	ug/Kg
P3287-03DL	XB502DL	Solid	Dibenzo(a,h)anthracene		200.000	D 8.9	33	ug/Kg
P3287-03DL	XB502DL	Solid	Fluoranthene		350.000	D 6.8	33	ug/Kg
P3287-03DL	XB502DL	Solid	Fluorene		280.000	D 6.8	33	ug/Kg
P3287-03DL	XB502DL	Solid	Indeno(1,2,3-cd)pyrene		170.000	D 8.6	33	ug/Kg
P3287-03DL	XB502DL	Solid	Naphthalene		270.000	D 3.7	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3287-03DL	XB502DL	Solid	Phenanthrene	510.000	D	5.1	33	ug/Kg
P3287-03DL	XB502DL	Solid	Pyrene	150.000	D	5.2	33	ug/Kg
Total Svoc :				4,109.00				
Total Concentration:				4,109.00				
Client ID :	XB502DL2							
P3287-03DL2	XB502DL2	Solid	Total Alkanes	*	0.000	D 22	130	ug/Kg
Total Tics :				0.00				
P3287-03DL2	XB502DL2	Solid	Acenaphthene	560.000	D	7.8	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Acenaphthylene	290.000	D	9.4	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Anthracene	450.000	D	10	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Benzo(a)anthracene	36.000	JD	8.4	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Benzo(a)pyrene	210.000	D	7.2	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Benzo(b)fluoranthene	120.000	D	4.2	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Benzo(g,h,i)perylene	150.000	D	20	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Benzo(k)fluoranthene	110.000	D	7.8	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Chrysene	130.000	D	8.4	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Dibenzo(a,h)anthracene	200.000	D	18	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Fluoranthene	340.000	D	14	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Fluorene	260.000	D	14	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	17	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Naphthalene	270.000	D	7.4	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Phenanthrene	490.000	D	10	66	ug/Kg
P3287-03DL2	XB502DL2	Solid	Pyrene	140.000	D	10	66	ug/Kg
Total Svoc :				3,926.00				
Total Concentration:				3,926.00				
Client ID :	E1G65							
P3300-11	E1G65	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3300-11	E1G65	Water	2-Methylnaphthalene	0.030	J	0.011	0.1	ug/L
P3300-11	E1G65	Water	Fluorene	0.030	J	0.022	0.1	ug/L
P3300-11	E1G65	Water	Naphthalene	0.050	J	0.011	0.1	ug/L
Total Svoc :				0.11				
Total Concentration:				0.11				
Client ID :	E1GE8							
P3300-12	E1GE8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3300-12	E1GE8	Water	2-Methylnaphthalene	0.020	J	0.011	0.1	ug/L
P3300-12	E1GE8	Water	Naphthalene	0.090	J	0.011	0.1	ug/L
Total Svoc :				0.11				



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.11				
Client ID :	E1GE9							
P3300-13	E1GE9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P3300-13	E1GE9	Water	1-Methylnaphthalene		0.080	J 0.02	0.1	ug/L
P3300-13	E1GE9	Water	2-Methylnaphthalene		0.170	0.01	0.1	ug/L
P3300-13	E1GE9	Water	Naphthalene		0.110	0.01	0.1	ug/L
			Total Svoc :	0.36				
			Total Concentration:	0.36				
Client ID :	E1G90							
P3300-15	E1G90	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3300-15	E1G90	Water	2-Methylnaphthalene		0.030	J 0.011	0.1	ug/L
P3300-15	E1G90	Water	Naphthalene		0.030	J 0.011	0.1	ug/L
			Total Svoc :	0.06				
			Total Concentration:	0.06				
Client ID :	E1GD4							
P3300-24	E1GD4	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3300-24	E1GD4	Water	Naphthalene		0.070	J 0.011	0.1	ug/L
			Total Svoc :	0.07				
			Total Concentration:	0.07				
Client ID :	F7E83							
P3301-01	F7E83	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P3301-01	F7E83	Water	Fluoranthene		0.040	J 0.02	0.1	ug/L
P3301-01	F7E83	Water	Naphthalene		0.060	J 0.01	0.1	ug/L
P3301-01	F7E83	Water	Phenanthrene		0.020	J 0.01	0.1	ug/L
			Total Svoc :	0.12				
			Total Concentration:	0.12				
Client ID :	F7E84							
P3301-02	F7E84	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P3301-02	F7E84	Water	Fluoranthene		0.040	J 0.02	0.1	ug/L
P3301-02	F7E84	Water	Naphthalene		0.070	J 0.01	0.1	ug/L
			Total Svoc :	0.11				
			Total Concentration:	0.11				
Client ID :	C0AM0DL							

Hit Summary Sheet SW-846

SDG No.: BN072624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3347-01DL	C0AM0DL	Water	Total Alkanes	*	0.000	D 0.155	1	ug/L
Total Tics :				0.00				
P3347-01DL	C0AM0DL	Water	1-Methylnaphthalene		1.700	D 0.12	0.5	ug/L
P3347-01DL	C0AM0DL	Water	2-Methylnaphthalene		3.400	D 0.055	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Acenaphthene		9.800	ED 0.065	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Acenaphthylene		0.140	JD 0.07	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Anthracene		20.000	ED 0.055	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Fluoranthene		4.200	D 0.11	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Fluorene		8.800	ED 0.11	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Naphthalene		9.500	ED 0.055	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Phenanthrene		19.000	ED 0.07	0.5	ug/L
P3347-01DL	C0AM0DL	Water	Pyrene		2.200	D 0.08	0.5	ug/L
Total Svoc :				78.74				
Total Concentration:				78.74				
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	1-Methylnaphthalene		0.030	J 0.024	0.1	ug/L
P3347-04	C0AW7	Water	2-Methylnaphthalene		0.040	J 0.011	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthene		0.150	0.013	0.1	ug/L
P3347-04	C0AW7	Water	Acenaphthylene		0.050	J 0.014	0.1	ug/L
P3347-04	C0AW7	Water	Anthracene		0.990	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		0.080	J 0.022	0.1	ug/L
P3347-04	C0AW7	Water	Fluorene		0.050	J 0.022	0.1	ug/L
P3347-04	C0AW7	Water	Naphthalene		0.200	0.011	0.1	ug/L
P3347-04	C0AW7	Water	Phenanthrene		0.060	J 0.014	0.1	ug/L
Total Svoc :				1.68				
Total Concentration:				1.68				



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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246

Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032969.D

Time Analyzed: 10:49

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	SBLK156	3510 *	7.50	12465 *	10.27	8039	14.15
02	A4DQ7	2956	7.52	10958	10.28	6803	14.15
03	XB502	3516 *	7.51	12602 *	10.27	7566	14.15
04	A4DQ7DL	2861	7.53	9819	10.32	7334	14.17
05	XB502DL	1995	7.54	7941	10.32	5814	14.16
06	XB502DL2	1796	7.55	6869	10.35	5733	14.17
07	A4BE1	2773	7.51	9847	10.27	6027	14.16
08	C0AM0DL	2837	7.51	10572	10.28	6575	14.16
09	SBLK156	4056 *	7.51	14506 *	10.27	7155	14.15
10	SBLK152	3267	7.51	11901	10.27	7347	14.15
11	A4CN0	3161	7.51	11457	10.27	6955	14.16
12	A4CN0MS	3124	7.54	11775	10.31	5985	14.17
13	A4CN0MSD	2553	7.54	9702	10.31	5133	14.17
14	A4CL9	3952 *	7.51	13825 *	10.27	6701	14.15
15	A4CM5	3780 *	7.51	13241 *	10.27	7905	14.15
16	YDZF1RE	5272 *	7.50	16820 *	10.26	63624 *	14.17
17	C0AW7	4376 *	7.50	15245 *	10.26	9306	14.15
18	E1G65	4584 *	7.50	15729 *	10.26	9464 *	14.15
19	E1GE8	3770 *	7.50	13028 *	10.26	8425	14.15
20	E1GE9	3437 *	7.51	11701	10.26	7844	14.15
21	F7E83	3663 *	7.51	12991 *	10.27	8167	14.15
22	SLCS190	2376	7.54	11337	10.31	5908	14.17
23	YDZD8	3225	7.51	11445	10.27	7449	14.15



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 01:27

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	SLCS101	2727	7.54	11397	10.31	7492	14.17
25	SBLK099	3616 *	7.51	13009 *	10.27	7992	14.15
26	SBLK231	3212	7.51	11587	10.26	7092	14.15
27	YDZD9	4401 *	7.50	15009 *	10.26	11394 *	14.15
28	YDZJ1	2832	7.50	11866	10.26	7446	14.15
29	YDZJ2	3092	7.50	10870	10.26	5596	14.15
30	YDZE1	3060	7.50	10917	10.26	7122	14.15
31	SLCS203	2190	7.55	9006	10.31	5983	14.17
32	SBLK212	3223	7.50	11455	10.26	7109	14.15
33	SLCS212	2069	7.55	6911	10.32	4723	14.17
34	SBLK216	3664 *	7.50	13557 *	10.26	8436	14.15
35	SBLK190	3842 *	7.50	14385 *	10.26	8952	14.15
36	SBLK203	3472 *	7.50	12883 *	10.26	8044	14.15
37	SLCS216	1981	7.55	8703	10.32	5774	14.17
38	E1GD4	2550	7.51	9278	10.26	6143	14.15
39	F7E84	2655	7.51	9976	10.26	6460	14.15
40	YDZH8	2413	7.50	8788	10.26	5508	14.15
41	E1G90	2480	7.51	9173	10.26	5965	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 14:06

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.						

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4282 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032989.D Time Analyzed: 10:49

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	2189	7.537	8145	10.32	5845	14.17
UPPER LIMIT	4378	8.037	16290	10.817	11690	14.671
LOWER LIMIT	1094.5	7.037	4072.5	9.817	2922.5	13.671
EPA SAMPLE NO.						
01 SBLK156	3510	7.50	12465	10.27	8039	14.15
02 A4DQ7	2956	7.52	10958	10.28	6803	14.15
03 XB502	3516	7.51	12602	10.27	7566	14.15
04 A4DQ7DL	2861	7.53	9819	10.32	7334	14.17
05 XB502DL	1995	7.54	7941	10.32	5814	14.16
06 XB502DL2	1796	7.55	6869	10.35	5733	14.17
07 A4BE1	2773	7.51	9847	10.27	6027	14.16
08 C0AM0DL	2837	7.51	10572	10.28	6575	14.16

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4283 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032998.D Time Analyzed: 01:27

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	2224	7.541	9054	10.31	6035	14.17
UPPER LIMIT	4448	8.041	18108	10.812	12070	14.671
LOWER LIMIT	1112	7.041	4527	9.812	3017.5	13.671
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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4284 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN033015.D Time Analyzed: 03:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2949	7.537	11704	10.31	7550	14.17
UPPER LIMIT	5898	8.037	23408	10.806	15100	14.666
LOWER LIMIT	1474.5	7.037	5852	9.806	3775	13.666
EPA SAMPLE NO.						
01 SBLK099	3616	7.51	13009	10.27	7992	14.15
02 SBLK231	3212	7.51	11587	10.26	7092	14.15
03 YDZD9	4401	7.50	15009	10.26	11394	14.15
04 YDZJ1	2832	7.50	11866	10.26	7446	14.15
05 YDZJ2	3092	7.50	10870	10.26	5596	14.15
06 YDZE1	3060	7.50	10917	10.26	7122	14.15
07 SLCS203	2190	7.55	9006	10.31	5983	14.17
08 SBLK212	3223	7.50	11455	10.26	7109	14.15
09 SLCS212	2069	7.55	6911	10.32	4723	14.17
10 SBLK216	3664	7.50	13557	10.26	8436	14.15

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4285 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN033026.D Time Analyzed: 10:29

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	2291	7.545	9710	10.31	6370	14.17
UPPER LIMIT	4582	8.045	19420	10.806	12740	14.666
LOWER LIMIT	1145.5	7.045	4855	9.806	3185	13.666
EPA SAMPLE NO.						
01 SBLK190	3842	7.50	14385	10.26	8952	14.15
02 SBLK203	3472	7.50	12883	10.26	8044	14.15
03 SLCS216	1981	7.55	8703	10.32	5774	14.17
04 E1GD4	2550	7.51	9278	10.26	6143	14.15
05 F7E84	2655	7.51	9976	10.26	6460	14.15
06 YDZH8	2413	7.50	8788	10.26	5508	14.15
07 E1G90	2480	7.51	9173	10.26	5965	14.15

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 10:49

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	SBLK156	18186	16.92	15928	21.17	13979	23.35
02	A4DQ7	15495	16.92	14897	21.14	17473	23.34
03	XB502	17282	16.92	16156	21.14	18180	23.33
04	A4DQ7DL	16006	16.93	15339	21.15	18857	23.34
05	XB502DL	12664	16.93	11924	21.16	15326	23.34
06	XB502DL2	12002	16.95	11467	21.16	14790	23.35
07	A4BE1	13345	16.92	12119	21.15	12380	23.33
08	C0AM0DL	14237	16.92	12693	21.15	13527	23.34
09	SBLK156	19294	16.92	16592	21.17	14516	23.34
10	SBLK152	16116	16.92	13791	21.17	12060	23.34
11	A4CN0	15785	16.92	14512	21.14	15304	23.33
12	A4CN0MS	16545	16.93	16121	21.14	19211	23.33
13	A4CN0MSD	13428	16.93	13110	21.14	15774	23.33
14	A4CL9	14581	16.92	17240	21.14	18147	23.32
15	A4CM5	17375	16.92	16384	21.14	16883	23.33
16	YDZF1RE	25531 *	16.91	21233	21.14	18745	23.32
17	C0AW7	20286	16.92	14113	21.14	13742	23.32
18	E1G65	21800 *	16.92	18857	21.14	16944	23.32
19	E1GE8	17859	16.92	14878	21.16	11981	23.33
20	E1GE9	16765	16.92	14438	21.15	11062	23.33
21	F7E83	17477	16.92	12847	21.15	12963	23.33

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 00:15

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	SLCS190	12791	16.94	13656	21.15	14924	23.33
23	YDZD8	16312	16.92	14595	21.14	12101	23.32
24	SLCS101	15904	16.95	14616	21.15	16348	23.34
25	SBLK099	17554	16.92	15225	21.16	12838	23.33
26	SBLK231	15512	16.92	10688	21.16	10401	23.33
27	YDZD9	21308 *	16.91	18890	21.14	16297	23.32
28	YDZJ1	13590	16.92	14310	21.15	11629	23.33
29	YDZJ2	12126	16.92	12472	21.15	10296	23.33
30	YDZE1	16119	16.91	13846	21.15	11703	23.32
31	SLCS203	12745	16.94	11533	21.15	13260	23.34
32	SBLK212	14947	16.92	12882	21.16	10469	23.33
33	SLCS212	9995	16.95	9036	21.16	10771	23.35
34	SBLK216	18201	16.92	16257	21.16	13682	23.33
35	SBLK190	19414	16.92	16837	21.17	13843	23.33
36	SBLK203	17210	16.92	14875	21.17	11701	23.34
37	SLCS216	12264	16.95	10997	21.16	12564	23.35
38	E1GD4	13253	16.92	11468	21.16	8869	23.34
39	F7E84	13589	16.92	11888	21.16	9087	23.34
40	YDZH8	11965	16.92	10454	21.15	8398	23.33
41	E1G90	13356	16.91	12690	21.15	10925	23.33

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 14:06

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.						

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4282 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032989.D Time Analyzed: 10:49

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	13530	16.949	12641	21.16	15455	23.349
UPPER LIMIT	27060	17.449	25282	21.66	30910	23.849
LOWER LIMIT	6765	16.449	6320.5	20.66	7727.5	22.849
EPA SAMPLE NO.						
01 SBLK156	18186	16.92	15928	21.17	13979	23.35
02 A4DQ7	15495	16.92	14897	21.14	17473	23.34
03 XB502	17282	16.92	16156	21.14	18180	23.33
04 A4DQ7DL	16006	16.93	15339	21.15	18857	23.34
05 XB502DL	12664	16.93	11924	21.16	15326	23.34
06 XB502DL2	12002	16.95	11467	21.16	14790	23.35
07 A4BE1	13345	16.92	12119	21.15	12380	23.33
08 C0AM0DL	14237	16.92	12693	21.15	13527	23.34

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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4283 Date Analyzed: Jul 26 2024 12:00AM

Lab File ID: BN032998.D Time Analyzed: 16:26

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	12817	16.95	11847	21.16	14692	23.352
	UPPER LIMIT	25634	17.45	23694	21.66	29384	23.852
	LOWER LIMIT	6408.5	16.45	5923.5	20.66	7346	22.852
	EPA SAMPLE NO.						
01	SBLK156	19294	16.92	16592	21.17	14516	23.34
02	SBLK152	16116	16.92	13791	21.17	12060	23.34
03	A4CN0	15785	16.92	14512	21.14	15304	23.33
04	A4CN0MS	16545	16.93	16121	21.14	19211	23.33
05	A4CN0MSD	13428	16.93	13110	21.14	15774	23.33
06	A4CL9	14581	16.92	17240	21.14	18147	23.32
07	A4CM5	17375	16.92	16384	21.14	16883	23.33
08	YDZFIRE	25531	16.91	21233	21.14	18745	23.32
09	C0AW7	20286	16.92	14113	21.14	13742	23.32
10	E1G65	21800	16.92	18857	21.14	16944	23.32
11	E1GE8	17859	16.92	14878	21.16	11981	23.33
12	E1GE9	16765	16.92	14438	21.15	11062	23.33
13	F7E83	17477	16.92	12847	21.15	12963	23.33
14	SLCS190	12791	16.94	13656	21.15	14924	23.33
15	YDZD8	16312	16.92	14595	21.14	12101	23.32
16	SLCS101	15904	16.95	14616	21.15	16348	23.34

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4283 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN032998.D Time Analyzed: 01:27

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	12817	16.95	11847	21.16	14692	23.352
UPPER LIMIT	25634	17.45	23694	21.66	29384	23.852
LOWER LIMIT	6408.5	16.45	5923.5	20.66	7346	22.852
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.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4284 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN033015.D Time Analyzed: 03:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	16160	16.945	14404	21.154	16022	23.343
UPPER LIMIT	32320	17.445	28808	21.654	32044	23.843
LOWER LIMIT	8080	16.445	7202	20.654	8011	22.843
EPA SAMPLE NO.						
01 SBLK099	17554	16.92	15225	21.16	12838	23.33
02 SBLK231	15512	16.92	10688	21.16	10401	23.33
03 YDZD9	21308	16.91	18890	21.14	16297	23.32
04 YDZJ1	13590	16.92	14310	21.15	11629	23.33
05 YDZJ2	12126	16.92	12472	21.15	10296	23.33
06 YDZE1	16119	16.91	13846	21.15	11703	23.32
07 SLCS203	12745	16.94	11533	21.15	13260	23.34
08 SBLK212	14947	16.92	12882	21.16	10469	23.33
09 SLCS212	9995	16.95	9036	21.16	10771	23.35
10 SBLK216	18201	16.92	16257	21.16	13682	23.33

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN072624 SAS No.: BN072624 SDG NO.: BN072624

EPA Sample No.: SSTD0.4285 Date Analyzed: Jul 27 2024 12:00AM

Lab File ID: BN033026.D Time Analyzed: 10:29

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	13536	16.945	12286	21.157	14562	23.346
UPPER LIMIT	27072	17.445	24572	21.657	29124	23.846
LOWER LIMIT	6768	16.445	6143	20.657	7281	22.846
EPA SAMPLE NO.						
01 SBLK190	19414	16.92	16837	21.17	13843	23.33
02 SBLK203	17210	16.92	14875	21.17	11701	23.34
03 SLCS216	12264	16.95	10997	21.16	12564	23.35
04 E1GD4	13253	16.92	11468	21.16	8869	23.34
05 F7E84	13589	16.92	11888	21.16	9087	23.34
06 YDZH8	11965	16.92	10454	21.15	8398	23.33
07 E1G90	13356	16.91	12690	21.15	10925	23.33

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162101BS	1,4-Dioxane	2	1.6	ug/L	80				0	0	
	Naphthalene	0.4	0.3	ug/L	75				0	0	
	1-Methylnaphthalene	0.4	0.28	ug/L	70				0	0	
	2-Methylnaphthalene	0.4	0.28	ug/L	70				0	0	
	Acenaphthylene	0.4	0.29	ug/L	73				0	0	
	Acenaphthene	0.4	0.32	ug/L	80				0	0	
	Fluorene	0.4	0.29	ug/L	73				0	0	
	Pentachlorophenol	0.8	0.47	ug/L	59				0	0	
	Phenanthrene	0.4	0.29	ug/L	73				0	0	
	Anthracene	0.4	0.27	ug/L	68				0	0	
	Fluoranthene	0.4	0.33	ug/L	83				0	0	
	Pyrene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)anthracene	0.4	0.29	ug/L	73				0	0	
	Chrysene	0.4	0.32	ug/L	80				0	0	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.27	ug/L	68				0	0	
	Dibenzo(a,h)anthracene	0.4	0.27	ug/L	68				0	0	
	Benzo(g,h,i)perylene	0.4	0.27	ug/L	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162190BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.41	ug/L	103				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.35	ug/L	88				0	0	
	Fluoranthene	0.4	0.46	ug/L	115				0	0	
	Pyrene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0	
	Chrysene	0.4	0.43	ug/L	108				0	0	
	Benzo(b)fluoranthene	0.4	0.45	ug/L	113				0	0	
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)pyrene	0.4	0.47	ug/L	117				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				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.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162203BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.39	ug/L	98				0	0	
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.55	ug/L	69				0	0	
	Phenanthrene	0.4	0.37	ug/L	93				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.43	ug/L	108				0	0	
	Pyrene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.42	ug/L	105				0	0	
	Benzo(b)fluoranthene	0.4	0.42	ug/L	105				0	0	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				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.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162212BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.41	ug/L	103				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.39	ug/L	98				0	0		
	Acenaphthene	0.4	0.43	ug/L	108				0	0		
	Fluorene	0.4	0.4	ug/L	100				0	0		
	Pentachlorophenol	0.8	0.55	ug/L	69				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.36	ug/L	90				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162216BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.4	ug/L	100				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.5	ug/L	63				0	0	
	Phenanthrene	0.4	0.35	ug/L	88				0	0	
	Anthracene	0.4	0.33	ug/L	83				0	0	
	Fluoranthene	0.4	0.4	ug/L	100				0	0	
	Pyrene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0	
	Chrysene	0.4	0.4	ug/L	100				0	0	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK099

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033016.D

Lab Sample ID: PB162099BL

Instrument ID: BNA_N

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 03:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS101

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033014.D

Lab Sample ID: PB162101BS

Instrument ID: BNA_N

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 01:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162101BS	PB162101BS	BN033014.D	07/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK152

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033000.D

Lab Sample ID: PB162152BL

Instrument ID: BNA_N

Date Extracted: 07/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/26/2024

Level: (low/med) LOW

Time Analyzed: 17:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CN0	P3264-20	BN033001.D	07/26/2024
A4CN0MS	P3264-25MS	BN033002.D	07/26/2024
A4CN0MSD	P3264-26MSD	BN033003.D	07/26/2024
A4CL9	P3264-13	BN033004.D	07/26/2024
A4CM5	P3264-17	BN033005.D	07/26/2024
A4DQ7	P3264-06	BN032991.D	07/26/2024
XB502	P3287-03	BN032992.D	07/26/2024
A4BE1	P3264-09	BN032996.D	07/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK156

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN032999.D

Lab Sample ID: PB162156BL

Instrument ID: BNA_N

Date Extracted: 07/18/2024

Matrix: (soil/water) Water

Date Analyzed: 07/26/2024

Level: (low/med) LOW

Time Analyzed: 16:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK190

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033027.D

Lab Sample ID: PB162190BL

Instrument ID: BNA_N

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 10:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G65	P3300-11	BN033008.D	07/26/2024
E1GE8	P3300-12	BN033009.D	07/26/2024
E1GE9	P3300-13	BN033010.D	07/26/2024
F7E83	P3301-01	BN033011.D	07/26/2024
PB162190BS	PB162190BS	BN033012.D	07/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK203

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033028.D

Lab Sample ID: PB162203BL

Instrument ID: BNA_N

Date Extracted: 07/19/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZD9	P3280-02	BN033018.D	07/27/2024
YDZJ1	P3280-03	BN033019.D	07/27/2024
YDZJ2	P3280-04	BN033020.D	07/27/2024
YDZE1	P3280-07	BN033021.D	07/27/2024
PB162203BS	PB162203BS	BN033022.D	07/27/2024
YDZD8	P3280-01	BN033013.D	07/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK212

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033023.D

Lab Sample ID: PB162212BL

Instrument ID: BNA_N

Date Extracted: 07/20/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 07:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162212BS	PB162212BS	BN033024.D	07/27/2024
YDZH8	P3280-11	BN033032.D	07/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK216

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033025.D

Lab Sample ID: PB162216BL

Instrument ID: BNA_N

Date Extracted: 07/22/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 08:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G90	P3300-15	BN033033.D	07/27/2024
PB162216BS	PB162216BS	BN033029.D	07/27/2024
E1GD4	P3300-24	BN033030.D	07/27/2024
F7E84	P3301-02	BN033031.D	07/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK231

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033017.D

Lab Sample ID: PB162231BL

Instrument ID: BNA_N

Date Extracted: 07/23/2024

Matrix: (soil/water) Water

Date Analyzed: 07/27/2024

Level: (low/med) LOW

Time Analyzed: 03:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AW7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN072624

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN033007.D

Lab Sample ID: P3347-04

Instrument ID: BNA_N

Date Extracted: 07/24/2024

Matrix: (soil/water) Water

Date Analyzed: 07/26/2024

Level: (low/med) LOW

Time Analyzed: 21:14

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	BN033007.D	07/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3264-25MS	Client Sample ID:	A4CN0MS					DataFile:	BN033002.D		
1,4-Dioxane	92.8		18	ug/Kg	19				15	120	
Naphthalene	18.6	6.8	5.8	ug/Kg	-5				0	0	
1-Methylnaphthalene	18.6	3	4	ug/Kg	5				0	0	
2-Methylnaphthalene	18.6	3.6	4.5	ug/Kg	5				0	0	
Acenaphthylene	18.6	9.7	7.9	ug/Kg	-10				0	0	
Acenaphthene	18.6	14	7.1	ug/Kg	-37	*			31	137	
Fluorene	18.6	15	7.7	ug/Kg	-39				0	0	
Pentachlorophenol	37.1		14	ug/Kg	38				17	109	
Phenanthrene	18.6	140	27	ug/Kg	-608				0	0	
Anthracene	18.6	20	13	ug/Kg	-38				0	0	
Fluoranthene	18.6	190	64	ug/Kg	-677				0	0	
Pyrene	18.6	150	59	ug/Kg	-489	*			35	142	
Benzo(a)anthracene	18.6	82	41	ug/Kg	-220				0	0	
Chrysene	18.6	65	34	ug/Kg	-167				0	0	
Benzo(b)fluoranthene	18.6	120	45	ug/Kg	-403				0	0	
Benzo(k)fluoranthene	18.6	34	25	ug/Kg	-48				0	0	
Benzo(a)pyrene	18.6	95	39	ug/Kg	-301				0	0	
Indeno(1,2,3-cd)pyrene	18.6	42	21	ug/Kg	-113				0	0	
Dibenzo(a,h)anthracene	18.6	12	13	ug/Kg	5				0	0	
Benzo(g,h,i)perylene	18.6	52	24	ug/Kg	-151				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3264-26MSD	Client Sample ID:	A4CN0MSD					DataFile:	BN033003.D		
1,4-Dioxane	92.7		22	ug/Kg	24		23		15	120	50
Naphthalene	18.5	6.8	6.9	ug/Kg	1		300	*	0	0	0
1-Methylnaphthalene	18.5	3	6	ug/Kg	16		105	*	0	0	0
2-Methylnaphthalene	18.5	3.6	6.3	ug/Kg	15		100	*	0	0	0
Acenaphthylene	18.5	9.7	9.9	ug/Kg	1		244	*	0	0	0
Acenaphthene	18.5	14	9.2	ug/Kg	-26	*	35	*	31	137	19
Fluorene	18.5	15	11	ug/Kg	-22		56	*	0	0	0
Pentachlorophenol	37.1		16	ug/Kg	43		12		17	109	47
Phenanthrene	18.5	140	32	ug/Kg	-584		4	*	0	0	0
Anthracene	18.5	20	15	ug/Kg	-27		34	*	0	0	0
Fluoranthene	18.5	190	75	ug/Kg	-622		8	*	0	0	0
Pyrene	18.5	150	69	ug/Kg	-438	*	11		35	142	36
Benzo(a)anthracene	18.5	82	49	ug/Kg	-178		21	*	0	0	0
Chrysene	18.5	65	41	ug/Kg	-130		25	*	0	0	0
Benzo(b)fluoranthene	18.5	120	52	ug/Kg	-368		9	*	0	0	0
Benzo(k)fluoranthene	18.5	34	28	ug/Kg	-32		40	*	0	0	0
Benzo(a)pyrene	18.5	95	46	ug/Kg	-265		13	*	0	0	0
Indeno(1,2,3-cd)pyrene	18.5	42	25	ug/Kg	-92		20	*	0	0	0
Dibenzo(a,h)anthracene	18.5	12	15	ug/Kg	16		105	*	0	0	0
Benzo(g,h,i)perylene	18.5	52	28	ug/Kg	-130		15	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162099BL	PB162099BL	BN033016.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3244-06RE	YDZF1RE	BN033006.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
PB162101BS	PB162101BS	BN033014.D	1,4-Dioxane-d8	8	0.62	8	*	15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130

Surrogate Summary

SW-846

SDG No.: **BN072624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3264-06	A4DQ7	BN032991.D	1,4-Dioxane-d8	8	0.30	4	*	15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3264-06DL	A4DQ7DL	BN032993.D	1,4-Dioxane-d8	8	0.41	5	*	15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3264-09	A4BE1	BN032996.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P3264-13	A4CL9	BN033004.D	1,4-Dioxane-d8	8	2.66	33		15	120
			Fluoranthene-d10	0.4	0.16	39		30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		20	140
P3264-17	A4CM5	BN033005.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3264-20	A4CN0	BN033001.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P3264-25MS	A4CN0MS	BN033002.D	1,4-Dioxane-d8	8	0.16	2	*	15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.08	20		20	140
P3264-26MSD	A4CN0MSD	BN033003.D	1,4-Dioxane-d8	8	0.19	2	*	15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.12	29		20	140
P3287-03	XB502	BN032992.D	1,4-Dioxane-d8	8	0.34	4	*	15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P3287-03DL	XB502DL	BN032994.D	1,4-Dioxane-d8	8	0.76	9	*	15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P3287-03DL2	XB502DL2	BN032995.D	1,4-Dioxane-d8	8	0.34	4	*	15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
PB162152BL	PB162152BL	BN033000.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162156BL	PB162156BL	BN032999.D	1,4-Dioxane-d8	8	4.96	62		15	120
		BN032990.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
		BN032999.D	Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		30	130
		BN032990.D	2-Methylnaphthalene-d10	0.4	0.24	59		30	130

Surrogate Summary

SW-846

SDG No.: **BN072624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3300-11	E1G65	BN033008.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		30	130
P3300-12	E1GE8	BN033009.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P3300-13	E1GE9	BN033010.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130
P3301-01	F7E83	BN033011.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
PB162190BL	PB162190BL	BN033027.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
PB162190BS	PB162190BS	BN033012.D	1,4-Dioxane-d8	8	0.99	12	*	15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: **BN072624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3280-01	YDZD8	BN033013.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P3280-02	YDZD9	BN033018.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
P3280-03	YDZJ1	BN033019.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P3280-04	YDZJ2	BN033020.D	1,4-Dioxane-d8	8	7.09	89		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3280-07	YDZE1	BN033021.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB162203BL	PB162203BL	BN033028.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
PB162203BS	PB162203BS	BN033022.D	1,4-Dioxane-d8	0.8	0.80	100		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3280-11	YDZH8	BN033032.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB162212BL	PB162212BL	BN033023.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		30	130
PB162212BS	PB162212BS	BN033024.D	1,4-Dioxane-d8	0.8	0.84	105		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: **BN072624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3300-15	E1G90	BN033033.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P3300-24	E1GD4	BN033030.D	1,4-Dioxane-d8	8	4.76	59		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P3301-02	F7E84	BN033031.D	1,4-Dioxane-d8	8	4.55	57		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130
PB162216BL	PB162216BL	BN033025.D	1,4-Dioxane-d8	8	5.17	65		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		30	130
PB162216BS	PB162216BS	BN033029.D	1,4-Dioxane-d8	0.8	0.81	102		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162231BL	PB162231BL	BN033017.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130

Surrogate Summary

SW-846

SDG No.: BN072624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3347-01DL	C0AM0DL	BN032997.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P3347-04	C0AW7	BN033007.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072624

Lab Code: CHEM

SAS No.: BN072624

SDG NO.: BN072624

Lab File ID: BN032988.D

DFTPP Injection Date: 07/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	65.5
443	15.0 - 24.0% of mass 442	12.6 (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
SSTD0.4282	SSTDCCC0.4	BN032989.D	07/26/2024	09:22
SBLK156	PB162156BL	BN032990.D	07/26/2024	10:49
A4DQ7	P3264-06	BN032991.D	07/26/2024	11:27
XB502	P3287-03	BN032992.D	07/26/2024	12:06
A4DQ7DL	P3264-06DL	BN032993.D	07/26/2024	12:42
XB502DL	P3287-03DL	BN032994.D	07/26/2024	13:23
XB502DL2	P3287-03DL2	BN032995.D	07/26/2024	13:58
A4BE1	P3264-09	BN032996.D	07/26/2024	14:35
C0AM0DL	P3347-01DL	BN032997.D	07/26/2024	15:11
SSTD0.4283	SSTDCCC0.4	BN032998.D	07/26/2024	15:50
SBLK156	PB162156BL	BN032999.D	07/26/2024	16:26
SBLK152	PB162152BL	BN033000.D	07/26/2024	17:03
A4CN0	P3264-20	BN033001.D	07/26/2024	17:38
A4CN0MS	P3264-25MS	BN033002.D	07/26/2024	18:15
A4CN0MSD	P3264-26MSD	BN033003.D	07/26/2024	18:51
A4CL9	P3264-13	BN033004.D	07/26/2024	19:27
A4CM5	P3264-17	BN033005.D	07/26/2024	20:03
YDZF1RE	P3244-06RE	BN033006.D	07/26/2024	20:39

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072624

Lab Code: CHEM

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN032988.D

DFTPP Injection Date: 07/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	65.5
443	15.0 - 24.0% of mass 442	12.6 (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
C0AW7	P3347-04	BN033007.D	07/26/2024	21:14
E1G65	P3300-11	BN033008.D	07/26/2024	21:51
E1GE8	P3300-12	BN033009.D	07/26/2024	22:27
E1GE9	P3300-13	BN033010.D	07/26/2024	23:03
F7E83	P3301-01	BN033011.D	07/26/2024	23:39
SLCS190	PB162190BS	BN033012.D	07/27/2024	00:15
YDZD8	P3280-01	BN033013.D	07/27/2024	00:51
SLCS101	PB162101BS	BN033014.D	07/27/2024	01:27
SSTD0.4284	SSTDCCC0.4	BN033015.D	07/27/2024	02:03
SBLK099	PB162099BL	BN033016.D	07/27/2024	03:15
SBLK231	PB162231BL	BN033017.D	07/27/2024	03:51
YDZD9	P3280-02	BN033018.D	07/27/2024	04:27
YDZJ1	P3280-03	BN033019.D	07/27/2024	05:03
YDZJ2	P3280-04	BN033020.D	07/27/2024	05:40
YDZE1	P3280-07	BN033021.D	07/27/2024	06:16
SLCS203	PB162203BS	BN033022.D	07/27/2024	06:52
SBLK212	PB162212BL	BN033023.D	07/27/2024	07:28
SLCS212	PB162212BS	BN033024.D	07/27/2024	08:04

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN072624

Lab Code: CHEM

SAS No.: BN072624 SDG NO.: BN072624

Lab File ID: BN032988.D

DFTPP Injection Date: 07/26/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	65.5
443	15.0 - 24.0% of mass 442	12.6 (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
SBLK216	PB162216BL	BN033025.D	07/27/2024	08:41
SSTD0.4285	SSTDCCC0.4	BN033026.D	07/27/2024	09:53
SBLK190	PB162190BL	BN033027.D	07/27/2024	10:29
SBLK203	PB162203BL	BN033028.D	07/27/2024	11:05
SLCS216	PB162216BS	BN033029.D	07/27/2024	11:42
E1GD4	P3300-24	BN033030.D	07/27/2024	12:18
F7E84	P3301-02	BN033031.D	07/27/2024	12:54
YDZH8	P3280-11	BN033032.D	07/27/2024	13:30
E1G90	P3300-15	BN033033.D	07/27/2024	14:06
SSTD0.4286	SSTDCCC0.4EC	BN033034.D	07/27/2024	15:19