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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG No.: BN082924

Instrument ID: BNA_N Calibration Date/Time: 8/30/2024 12 02:22

Lab File ID: BN033687.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.534		-5.319	50.0
Fluoranthene-d10	0.987	0.913		-7.497	50.0
n-Nitrosodimethylamine	0.546	0.523		-4.212	50.0
2-Fluorophenol	1.204	1.140		-5.316	50.0
Phenol-d6	1.421	1.362		-4.152	50.0
bis(2-Chloroethyl)ether	1.085	1.063		-2.028	50.0
Nitrobenzene-d5	0.333	0.313		-6.006	50.0
Naphthalene	1.071	1.024		-4.388	50.0
Hexachlorobutadiene	0.222	0.214		-3.604	50.0
2-Methylnaphthalene	0.660	0.617		-6.515	50.0
2-Fluorobiphenyl	1.686	1.643		-2.55	50.0
Acenaphthylene	1.731	1.616		-6.644	50.0
Acenaphthene	1.204	1.157		-3.904	50.0
Fluorene	1.493	1.393		-6.698	50.0
4,6-Dinitro-2-methylphenol	0.061	0.053		-13.115	50.0
2,4,6-Tribromophenol	0.192	0.166		-13.542	50.0
4-Bromophenyl-phenylether	0.231	0.226		-2.165	50.0
Hexachlorobenzene	0.264	0.258		-2.273	50.0
Atrazine	0.184	0.169		-8.152	50.0
Pentachlorophenol	0.119	0.090		-24.37	50.0
Phenanthrene	1.112	1.075		-3.327	50.0
Anthracene	0.964	0.887		-7.988	50.0
Fluoranthene	1.253	1.148		-8.38	50.0
Pyrene	1.619	1.619		0.0	50.0
Terphenyl-d14	0.846	0.845		-0.118	50.0
Benzo(a)anthracene	1.411	1.380		-2.197	50.0
Chrysene	1.445	1.459		0.969	50.0
Bis(2-ethylhexyl)phthalate	0.800	0.764		-4.5	50.0
Benzo(b)fluoranthene	1.470	1.435		-2.381	50.0
Benzo(k)fluoranthene	1.442	1.421		-1.456	50.0
Benzo(a)pyrene	1.228	1.199		-2.362	50.0
Indeno(1,2,3-cd)pyrene	1.716	1.716		0.0	50.0
Dibenzo(a,h)anthracene	1.366	1.361		-0.366	50.0
Benzo(g,h,i)perylene	1.483	1.485		0.135	50.0
1,4-Dioxane	0.465	0.437		-6.022	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG No.: BN082924

Instrument ID: BNA_N Calibration Date/Time: 8/30/2024 12 04:17

Lab File ID: BN033689.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.532		-5.674	20.0
Fluoranthene-d10	0.987	0.988		0.101	20.0
n-Nitrosodimethylamine	0.546	0.508		-6.96	20.0
2-Fluorophenol	1.204	1.118		-7.143	20.0
Phenol-d6	1.421	1.369		-3.659	20.0
bis(2-Chloroethyl)ether	1.085	1.068		-1.567	20.0
Nitrobenzene-d5	0.333	0.313		-6.006	20.0
Naphthalene	1.071	1.026		-4.202	20.0
Hexachlorobutadiene	0.222	0.216		-2.703	20.0
2-Methylnaphthalene	0.660	0.621		-5.909	20.0
2-Fluorobiphenyl	1.686	1.655		-1.839	20.0
Acenaphthylene	1.731	1.627		-6.008	20.0
Acenaphthene	1.204	1.155		-4.07	20.0
Fluorene	1.493	1.434		-3.952	20.0
4,6-Dinitro-2-methylphenol	0.061	0.057		-6.557	20.0
2,4,6-Tribromophenol	0.192	0.174		-9.375	20.0
4-Bromophenyl-phenylether	0.231	0.220		-4.762	20.0
Hexachlorobenzene	0.264	0.258		-2.273	20.0
Atrazine	0.184	0.174		-5.435	20.0
Pentachlorophenol	0.119	0.112		-5.882	20.0
Phenanthrene	1.112	1.085		-2.428	20.0
Anthracene	0.964	0.907		-5.913	20.0
Fluoranthene	1.253	1.250		-0.239	20.0
Pyrene	1.619	1.522		-5.991	20.0
Terphenyl-d14	0.846	0.783		-7.447	20.0
Benzo(a)anthracene	1.411	1.366		-3.189	20.0
Chrysene	1.445	1.464		1.315	20.0
Bis(2-ethylhexyl)phthalate	0.800	0.747		-6.625	20.0
Benzo(b)fluoranthene	1.470	1.431		-2.653	20.0
Benzo(k)fluoranthene	1.442	1.459		1.179	20.0
Benzo(a)pyrene	1.228	1.182		-3.746	20.0
Indeno(1,2,3-cd)pyrene	1.716	1.722		0.35	20.0
Dibenzo(a,h)anthracene	1.366	1.366		0.0	20.0
Benzo(g,h,i)perylene	1.483	1.482		-0.067	20.0
1,4-Dioxane	0.465	0.463		-0.43	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG No.: BN082924

Instrument ID: BNA_N Calibration Date/Time: 8/30/2024 12 13:55

Lab File ID: BN033705.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.514		-8.865	50.0
Fluoranthene-d10	0.987	0.920		-6.788	50.0
n-Nitrosodimethylamine	0.546	0.539		-1.282	50.0
2-Fluorophenol	1.204	0.993		-17.525	50.0
Phenol-d6	1.421	1.155		-18.719	50.0
bis(2-Chloroethyl)ether	1.085	1.087		0.184	50.0
Nitrobenzene-d5	0.333	0.318		-4.505	50.0
Naphthalene	1.071	1.051		-1.867	50.0
Hexachlorobutadiene	0.222	0.223		0.45	50.0
2-Methylnaphthalene	0.660	0.630		-4.545	50.0
2-Fluorobiphenyl	1.686	1.660		-1.542	50.0
Acenaphthylene	1.731	1.647		-4.853	50.0
Acenaphthene	1.204	1.167		-3.073	50.0
Fluorene	1.493	1.458		-2.344	50.0
4,6-Dinitro-2-methylphenol	0.061	0.038		-37.705	50.0
2,4,6-Tribromophenol	0.192	0.153		-20.313	50.0
4-Bromophenyl-phenylether	0.231	0.226		-2.165	50.0
Hexachlorobenzene	0.264	0.269		1.894	50.0
Atrazine	0.184	0.163		-11.413	50.0
Pentachlorophenol	0.119	0.094		-21.008	50.0
Phenanthrene	1.112	1.105		-0.629	50.0
Anthracene	0.964	0.916		-4.979	50.0
Fluoranthene	1.253	1.222		-2.474	50.0
Pyrene	1.619	1.630		0.679	50.0
Terphenyl-d14	0.846	0.747		-11.702	50.0
Benzo(a)anthracene	1.411	1.445		2.41	50.0
Chrysene	1.445	1.477		2.215	50.0
Bis(2-ethylhexyl)phthalate	0.800	0.715		-10.625	50.0
Benzo(b)fluoranthene	1.470	1.516		3.129	50.0
Benzo(k)fluoranthene	1.442	1.474		2.219	50.0
Benzo(a)pyrene	1.228	1.237		0.733	50.0
Indeno(1,2,3-cd)pyrene	1.716	1.759		2.506	50.0
Dibenzo(a,h)anthracene	1.366	1.406		2.928	50.0
Benzo(g,h,i)perylene	1.483	1.570		5.866	50.0
1,4-Dioxane	0.465	0.476		2.366	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG No.: BN082924

Instrument ID: BNA_N Calibration Date/Time: 8/29/2024 12 17:21

Lab File ID: BN033673.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.547		-3.014	20.0
Fluoranthene-d10	0.987	0.954		-3.343	20.0
n-Nitrosodimethylamine	0.546	0.530		-2.93	20.0
2-Fluorophenol	1.204	1.119		-7.06	20.0
Phenol-d6	1.421	1.334		-6.122	20.0
bis(2-Chloroethyl)ether	1.085	1.066		-1.751	20.0
Nitrobenzene-d5	0.333	0.312		-6.306	20.0
Naphthalene	1.071	1.029		-3.922	20.0
Hexachlorobutadiene	0.222	0.213		-4.054	20.0
2-Methylnaphthalene	0.660	0.639		-3.182	20.0
2-Fluorobiphenyl	1.686	1.615		-4.211	20.0
Acenaphthylene	1.731	1.619		-6.47	20.0
Acenaphthene	1.204	1.159		-3.738	20.0
Fluorene	1.493	1.465		-1.875	20.0
4,6-Dinitro-2-methylphenol	0.061	0.049		-19.672	20.0
2,4,6-Tribromophenol	0.192	0.174		-9.375	20.0
4-Bromophenyl-phenylether	0.231	0.226		-2.165	20.0
Hexachlorobenzene	0.264	0.257		-2.652	20.0
Atrazine	0.184	0.180		-2.174	20.0
Pentachlorophenol	0.119	0.094		-21.008	20.0
Phenanthrene	1.112	1.079		-2.968	20.0
Anthracene	0.964	0.916		-4.979	20.0
Fluoranthene	1.253	1.199		-4.31	20.0
Pyrene	1.619	1.660		2.532	20.0
Terphenyl-d14	0.846	0.872		3.073	20.0
Benzo(a)anthracene	1.411	1.367		-3.118	20.0
Chrysene	1.445	1.431		-0.969	20.0
Bis(2-ethylhexyl)phthalate	0.800	0.782		-2.25	20.0
Benzo(b)fluoranthene	1.470	1.457		-0.884	20.0
Benzo(k)fluoranthene	1.442	1.412		-2.08	20.0
Benzo(a)pyrene	1.228	1.196		-2.606	20.0
Indeno(1,2,3-cd)pyrene	1.716	1.674		-2.448	20.0
Dibenzo(a,h)anthracene	1.366	1.329		-2.709	20.0
Benzo(g,h,i)perylene	1.483	1.436		-3.169	20.0
1,4-Dioxane	0.465	0.438		-5.806	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBN082924		SDG No.:	BN082924	
Lab Sample ID:	SSTDICV0.4		Matrix:	Water	
Analytical Method:	8270-Modified		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033678.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	370		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	380		28	100	100	ug/L
91-20-3	Naphthalene	390		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	390		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	380		30	100	100	ug/L
208-96-8	Acenaphthylene	370		21	100	100	ug/L
83-32-9	Acenaphthene	380		20	100	100	ug/L
Total PAH	Total PAH	6200		456	100	1600	ug/L
86-73-7	Fluorene	380		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	350		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	380		26	100	100	ug/L
118-74-1	Hexachlorobenzene	390		29	100	100	ug/L
1912-24-9	Atrazine	370		23	100	100	ug/L
87-86-5	Pentachlorophenol	320		90	200	200	ug/L
85-01-8	Phenanthrene	380		20	100	100	ug/L
120-12-7	Anthracene	370		24	100	100	ug/L
206-44-0	Fluoranthene	380		23	100	100	ug/L
129-00-0	Pyrene	400		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	390		22	100	100	ug/L
218-01-9	Chrysene	400		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	370		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	390		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	390		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	380		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	400		37	100	100	ug/L
123-91-1	1,4-Dioxane	390		68	200	200	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN082924			SDG No.:	BN082924
Lab Sample ID:	SSTDICV0.4			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033678.D	1		8/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	383	*	20-139		95750	SPK: -0.4
93951-69-0	Fluoranthene-d10	381	*	30-150		95250	SPK: -0.4
367-12-4	2-Fluorophenol	370	*	10-100		92500	SPK: -0.4
13127-88-3	Phenol-d6	367	*	10-100		91750	SPK: -0.4
4165-60-0	Nitrobenzene-d5	378	*	27-123		94500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	389	*	34-132		97250	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	344	*	10-131		86000	SPK: -0.4
1718-51-0	Terphenyl-d14	394	*	35-157		98500	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5662	7.53				
1146-65-2	Naphthalene-d8	14337	10.293				
15067-26-2	Acenaphthene-d10	6573	14.167				
1517-22-2	Phenanthrene-d10	12733	16.916				
1719-03-5	Chrysene-d12	9618	21.121				
1520-96-3	Perylene-d12	10412	23.282				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BL			SDG No.:	BN082924
Lab Sample ID:	PB163051BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033679.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BL			SDG No.:	BN082924
Lab Sample ID:	PB163051BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033679.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.386		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.391		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.33		10-100		83	SPK: -0.4
13127-88-3	Phenol-d6	0.311		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.386		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.396		34-132		99	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.236		10-131		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.439		35-157		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4904	7.53				
1146-65-2	Naphthalene-d8	12565	10.293				
15067-26-2	Acenaphthene-d10	5805	14.167				
1517-22-2	Phenanthrene-d10	11268	16.917				
1719-03-5	Chrysene-d12	8115	21.121				
1520-96-3	Perylene-d12	8788	23.282				

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Report of Analysis

Client:				Date Collected:	8/26/2024 12:00:00 AM
Project:				Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	MW-05-8-082624			SDG No.:	BN082924
Lab Sample ID:	P3647-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	890	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
BN033680.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/26/2024 12:00:00 AM
Project:				Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	MW-05-8-082624			SDG No.:	BN082924
Lab Sample ID:	P3647-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	890	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
BN033680.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.331		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.381		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.129		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.079		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.335		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.321		34-132		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.296		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.484		35-157		121	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5324	7.53				
1146-65-2	Naphthalene-d8	13609	10.282				
15067-26-2	Acenaphthene-d10	7065	14.167				
1517-22-2	Phenanthrene-d10	12689	16.917				
1719-03-5	Chrysene-d12	9283	21.121				
1520-96-3	Perylene-d12	9861	23.279				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-09-6.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-01			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033681.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.13		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-09-6.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-01			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033681.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.357		20-139		89	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.438		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.106		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.336		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		34-132		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.367		10-131		92	SPK: -0.4
1718-51-0	Terphenyl-d14	0.444		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5460	7.53				
1146-65-2	Naphthalene-d8	14178	10.282				
15067-26-2	Acenaphthene-d10	7204	14.167				
1517-22-2	Phenanthrene-d10	14643	16.917				
1719-03-5	Chrysene-d12	12941	21.121				
1520-96-3	Perylene-d12	13728	23.282				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-07-6.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-02			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033682.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.15		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.03	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.38		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-07-6.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-02			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033682.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.235		20-139		59	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.299		30-150		75	SPK: -0.4
367-12-4	2-Fluorophenol	0.078		10-100		20	SPK: -0.4
13127-88-3	Phenol-d6	0.046		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.238		27-123		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.235		34-132		59	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.222		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.324		35-157		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5782	7.531				
1146-65-2	Naphthalene-d8	15172	10.282				
15067-26-2	Acenaphthene-d10	7253	14.167				
1517-22-2	Phenanthrene-d10	14711	16.917				
1719-03-5	Chrysene-d12	12078	21.121				
1520-96-3	Perylene-d12	13184	23.279				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-14B-45.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	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
BN033683.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.21		0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-14B-45.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	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
BN033683.D	1	8/28/2024 12:00:00 AM	8/29/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.338		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.403		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.125		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.08		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.315		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.344		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.471		35-157		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5648	7.531				
1146-65-2	Naphthalene-d8	14731	10.282				
15067-26-2	Acenaphthene-d10	6851	14.167				
1517-22-2	Phenanthrene-d10	13412	16.917				
1719-03-5	Chrysene-d12	10520	21.121				
1520-96-3	Perylene-d12	11663	23.277				

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Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	916-J-SD-0-0.5-081624DL	SDG No.:	BN082924
Lab Sample ID:	P3663-07DL	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	38.5
Sample Wt/Vol:	30.05 Units: g	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
BN033684.D	5	8/19/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB162844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.6	U	10.6	53.6	53.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	6.9	U	6.9	26.8	26.8	ug/Kg
91-20-3	Naphthalene	5.6	U	5.6	26.8	26.8	ug/Kg
87-68-3	Hexachlorobutadiene	5.6	U	5.6	26.8	26.8	ug/Kg
91-57-6	2-Methylnaphthalene	6.5	U	6.5	26.8	26.8	ug/Kg
208-96-8	Acenaphthylene	28.1	D	5.1	26.8	26.8	ug/Kg
83-32-9	Acenaphthene	4.5	U	4.5	26.8	26.8	ug/Kg
Total PAH	Total PAH	2846	UD	118.1	26.8	428.8	ug/Kg
86-73-7	Fluorene	8.9	JD	4.9	26.8	26.8	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	34.5	U	34.5	53.6	53.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.4	U	6.4	26.8	26.8	ug/Kg
118-74-1	Hexachlorobenzene	6.9	U	6.9	26.8	26.8	ug/Kg
1912-24-9	Atrazine	6.2	U	6.2	26.8	26.8	ug/Kg
87-86-5	Pentachlorophenol	22.9	U	22.9	53.6	53.6	ug/Kg
85-01-8	Phenanthrene	200	D	5.1	26.8	26.8	ug/Kg
120-12-7	Anthracene	39.2	D	6.4	26.8	26.8	ug/Kg
206-44-0	Fluoranthene	540	D	5.4	26.8	26.8	ug/Kg
129-00-0	Pyrene	450	D	7.7	26.8	26.8	ug/Kg
56-55-3	Benzo(a)anthracene	250	D	6.2	26.8	26.8	ug/Kg
218-01-9	Chrysene	260	D	7	26.8	26.8	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	15.4	JD	11.9	53.6	53.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	D	9.7	26.8	26.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	8	26.8	26.8	ug/Kg
50-32-8	Benzo(a)pyrene	250	D	13.5	26.8	26.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	D	10.2	26.8	26.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.8	D	9.5	26.8	26.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	D	9.3	26.8	26.8	ug/Kg
123-91-1	1,4-Dioxane	18	U	18	53.6	53.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	916-J-SD-0-0.5-081624DL			SDG No.:	BN082924
Lab Sample ID:	P3663-07DL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	38.5
Sample Wt/Vol:	30.05	Units:	g	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
BN033684.D	5	8/19/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB162844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.195		17-161		49	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.145		23-138		36	SPK: -0.4
367-12-4	2-Fluorophenol	0.225		28-122		56	SPK: -0.4
13127-88-3	Phenol-d6	0.215		25-125		54	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.25		33-121		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.18		32-121		45	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.185		19-110		46	SPK: -0.4
1718-51-0	Terphenyl-d14	0.155		21-130		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5208	7.53				
1146-65-2	Naphthalene-d8	13259	10.282				
15067-26-2	Acenaphthene-d10	6100	14.167				
1517-22-2	Phenanthrene-d10	11733	16.917				
1719-03-5	Chrysene-d12	9283	21.121				
1520-96-3	Perylene-d12	10100	23.282				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BS			SDG No.:	BN082924
Lab Sample ID:	PB163051BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033685.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.37		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.4		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.38		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.16		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.34		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.4		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.38		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.3		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.4		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.38		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BS			SDG No.:	BN082924
Lab Sample ID:	PB163051BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033685.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.384		20-139		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.377		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.379		10-100		95	SPK: -0.4
13127-88-3	Phenol-d6	0.382		10-100		95	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.374		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.39		34-132		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.343		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.404		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6649	7.53				
1146-65-2	Naphthalene-d8	17247	10.282				
15067-26-2	Acenaphthene-d10	7916	14.167				
1517-22-2	Phenanthrene-d10	14882	16.917				
1719-03-5	Chrysene-d12	10836	21.121				
1520-96-3	Perylene-d12	11830	23.282				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BSD			SDG No.:	BN082924
Lab Sample ID:	PB163051BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033686.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.37		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.38		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.38		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.2		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.34		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.4		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.29		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.39		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.38		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	PB163051BSD			SDG No.:	BN082924
Lab Sample ID:	PB163051BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033686.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.382		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.377		10-100		94	SPK: -0.4
13127-88-3	Phenol-d6	0.377		10-100		94	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.377		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.392		34-132		98	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.357		10-131		89	SPK: -0.4
1718-51-0	Terphenyl-d14	0.404		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6371	7.531				
1146-65-2	Naphthalene-d8	16650	10.282				
15067-26-2	Acenaphthene-d10	7628	14.167				
1517-22-2	Phenanthrene-d10	14691	16.917				
1719-03-5	Chrysene-d12	10483	21.121				
1520-96-3	Perylene-d12	11098	23.282				

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BL			SDG No.:	BN082924
Lab Sample ID:	PB163069BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033690.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BL			SDG No.:	BN082924
Lab Sample ID:	PB163069BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033690.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.35		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.345		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.298		10-100		75	SPK: -0.4
13127-88-3	Phenol-d6	0.29		10-100		72	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.356		27-123		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.365		34-132		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.131		10-131		33	SPK: -0.4
1718-51-0	Terphenyl-d14	0.398		35-157		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5475	7.531				
1146-65-2	Naphthalene-d8	13972	10.282				
15067-26-2	Acenaphthene-d10	6345	14.167				
1517-22-2	Phenanthrene-d10	12252	16.917				
1719-03-5	Chrysene-d12	8560	21.121				
1520-96-3	Perylene-d12	9275	23.282				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-15B-42.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-05			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033691.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-15B-42.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-05			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033691.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.297		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.378		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.103		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.061		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.307		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.29		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.408		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5257	7.531				
1146-65-2	Naphthalene-d8	13588	10.282				
15067-26-2	Acenaphthene-d10	6172	14.167				
1517-22-2	Phenanthrene-d10	12253	16.917				
1719-03-5	Chrysene-d12	9102	21.121				
1520-96-3	Perylene-d12	10013	23.279				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-14A-17.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033692.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-14A-17.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033692.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.315		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.413		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.115		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.064		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.314		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.331		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.302		10-131		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.445		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5179	7.531				
1146-65-2	Naphthalene-d8	13304	10.282				
15067-26-2	Acenaphthene-d10	6034	14.167				
1517-22-2	Phenanthrene-d10	11753	16.917				
1719-03-5	Chrysene-d12	9313	21.121				
1520-96-3	Perylene-d12	10092	23.279				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-10B-42.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-07			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033693.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	6.8	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-10B-42.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-07			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033693.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.277		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.363		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.102		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.275		27-123		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.282		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.25		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.406		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5391	7.53				
1146-65-2	Naphthalene-d8	13783	10.282				
15067-26-2	Acenaphthene-d10	6302	14.167				
1517-22-2	Phenanthrene-d10	12316	16.917				
1719-03-5	Chrysene-d12	9355	21.121				
1520-96-3	Perylene-d12	10118	23.279				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-03B-51.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-08			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033694.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.22		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-03B-51.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-08			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033694.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.297		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.391		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.152		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.097		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.311		34-132		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.287		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.446		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5446	7.53				
1146-65-2	Naphthalene-d8	14013	10.282				
15067-26-2	Acenaphthene-d10	6363	14.156				
1517-22-2	Phenanthrene-d10	12098	16.917				
1719-03-5	Chrysene-d12	8757	21.121				
1520-96-3	Perylene-d12	9060	23.285				

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Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-03B-51.5-082724-FD	SDG No.:	BN082924
Lab Sample ID:	P3769-09	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	900 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
BN033695.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-03B-51.5-082724-FD			SDG No.:	BN082924
Lab Sample ID:	P3769-09			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN033695.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.396		30-150		99	SPK: -0.4
367-12-4	2-Fluorophenol	0.116		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.072		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.317		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.337		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.282		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.451		35-157		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5295	7.53				
1146-65-2	Naphthalene-d8	13683	10.282				
15067-26-2	Acenaphthene-d10	6286	14.167				
1517-22-2	Phenanthrene-d10	12252	16.917				
1719-03-5	Chrysene-d12	9050	21.121				
1520-96-3	Perylene-d12	9255	23.285				

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Report of Analysis

Client:		Date Collected:	8/27/2024 12:00:00 AM
Project:		Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-13A-10.5-082724	SDG No.:	BN082924
Lab Sample ID:	P3769-11	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN033696.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	J	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.09	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	MW-13A-10.5-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-11			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033696.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.297		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.361		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.143		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.087		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.303		27-123		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.307		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.285		10-131		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.39		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5167	7.531				
1146-65-2	Naphthalene-d8	13113	10.282				
15067-26-2	Acenaphthene-d10	6058	14.157				
1517-22-2	Phenanthrene-d10	12148	16.917				
1719-03-5	Chrysene-d12	9303	21.121				
1520-96-3	Perylene-d12	10093	23.282				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	EB01-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-12			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033697.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.04	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	EB01-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-12			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033697.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.343		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.407		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.113		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.068		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.338		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.351		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.304		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.421		35-157		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5420	7.531				
1146-65-2	Naphthalene-d8	13919	10.282				
15067-26-2	Acenaphthene-d10	6359	14.167				
1517-22-2	Phenanthrene-d10	12279	16.917				
1719-03-5	Chrysene-d12	9862	21.122				
1520-96-3	Perylene-d12	10109	23.285				

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-02B-21.2-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033698.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.09	J	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.04	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.05	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.08	J	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.1		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.08	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.04	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.29		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/27/2024 12:00:00 AM
Project:				Date Received:	8/27/2024 12:00:00 AM
Client Sample ID:	OW-02B-21.2-082724			SDG No.:	BN082924
Lab Sample ID:	P3769-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033698.D	1	8/28/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.371		20-139		93	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.448		30-150		112	SPK: -0.4
367-12-4	2-Fluorophenol	0.14		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.093		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.335		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.35		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.405		10-131		101	SPK: -0.4
1718-51-0	Terphenyl-d14	0.451		35-157		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5593	7.53				
1146-65-2	Naphthalene-d8	14523	10.282				
15067-26-2	Acenaphthene-d10	7492	14.157				
1517-22-2	Phenanthrene-d10	14418	16.917				
1719-03-5	Chrysene-d12	12503	21.121				
1520-96-3	Perylene-d12	13654	23.285				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033699.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.9	E	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033699.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.416		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.197		10-100		49	SPK: -0.4
13127-88-3	Phenol-d6	0.12		10-100		30	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.359		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.357		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.312		10-131		78	SPK: -0.4
1718-51-0	Terphenyl-d14	0.459		35-157		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5863	7.531				
1146-65-2	Naphthalene-d8	14982	10.282				
15067-26-2	Acenaphthene-d10	6859	14.157				
1517-22-2	Phenanthrene-d10	13115	16.917				
1719-03-5	Chrysene-d12	10220	21.121				
1520-96-3	Perylene-d12	10666	23.282				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033700.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	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
BN033700.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.341		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.392		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.11		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.066		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.337		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.365		34-132		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.279		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.465		35-157		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5172	7.53				
1146-65-2	Naphthalene-d8	13413	10.282				
15067-26-2	Acenaphthene-d10	6044	14.156				
1517-22-2	Phenanthrene-d10	11772	16.917				
1719-03-5	Chrysene-d12	8565	21.121				
1520-96-3	Perylene-d12	3388	23.285				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-03			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033701.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-03			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033701.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.358		20-139		90	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.411		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.117		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.065		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.36		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.371		34-132		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.32		10-131		80	SPK: -0.4
1718-51-0	Terphenyl-d14	0.47		35-157		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5275	7.53				
1146-65-2	Naphthalene-d8	13462	10.282				
15067-26-2	Acenaphthene-d10	6160	14.156				
1517-22-2	Phenanthrene-d10	11787	16.917				
1719-03-5	Chrysene-d12	8338	21.121				
1520-96-3	Perylene-d12	8827	23.285				

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-04			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033702.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/28/2024 12:00:00 AM
Project:				Date Received:	8/28/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20240828			SDG No.:	BN082924
Lab Sample ID:	P3784-04			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033702.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.316		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.403		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.099		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.321		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.33		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.277		10-131		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.433		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4915	7.53				
1146-65-2	Naphthalene-d8	12505	10.282				
15067-26-2	Acenaphthene-d10	5662	14.156				
1517-22-2	Phenanthrene-d10	10706	16.917				
1719-03-5	Chrysene-d12	8421	21.121				
1520-96-3	Perylene-d12	8885	23.282				

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BS			SDG No.:	BN082924
Lab Sample ID:	PB163069BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033703.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.39		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.41		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.55		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.26		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.4		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.41		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.38		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.48		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.41		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.42		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.37		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.33		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BS			SDG No.:	BN082924
Lab Sample ID:	PB163069BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033703.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.439		20-139		110	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.376		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.326		10-100		81	SPK: -0.4
13127-88-3	Phenol-d6	0.313		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.385		27-123		96	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.398		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.281		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.414		35-157		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5189	7.523				
1146-65-2	Naphthalene-d8	13250	10.282				
15067-26-2	Acenaphthene-d10	6002	14.157				
1517-22-2	Phenanthrene-d10	11044	16.917				
1719-03-5	Chrysene-d12	8123	21.121				
1520-96-3	Perylene-d12	8829	23.282				

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BSD			SDG No.:	BN082924
Lab Sample ID:	PB163069BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033704.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.41		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.41		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.4		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.4		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.75		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.26		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.42		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.39		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.49		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.42		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.37		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.35		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/29/2024 12:00:00 AM
Project:				Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	PB163069BSD			SDG No.:	BN082924
Lab Sample ID:	PB163069BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN033704.D	1	8/29/2024 12:00:00 AM	8/30/2024 12:00:00 AM	PB163069

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.456		20-139		114	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.385		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.336		10-100		84	SPK: -0.4
13127-88-3	Phenol-d6	0.324		10-100		81	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.4		27-123		100	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.407		34-132		102	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.288		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.422		35-157		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4730	7.523				
1146-65-2	Naphthalene-d8	12128	10.282				
15067-26-2	Acenaphthene-d10	5537	14.157				
1517-22-2	Phenanthrene-d10	10543	16.917				
1719-03-5	Chrysene-d12	7773	21.122				
1520-96-3	Perylene-d12	8210	23.285				

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Hit Summary Sheet
SW-846

SDG No.: BN082924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**916-J-SD-0-0.5-081624DL**							
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Acenaphthylene	28.100	D	5.1	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Anthracene	39.200	D	6.4	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Benzo(a)anthracene	250.000	D	6.2	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Benzo(a)pyrene	250.000	D	13.5	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Benzo(b)fluoranthene	340.000	D	9.7	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Benzo(g,h,i)perylene	170.000	D	9.3	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Benzo(k)fluoranthene	130.000	D	8	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Bis(2-ethylhexyl)phthalate	15.400	JD	11.9	53.6	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Chrysene	260.000	D	7	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Dibenzo(a,h)anthracene	39.800	D	9.5	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Fluoranthene	540.000	D	5.4	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Fluorene	8.900	JD	4.9	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Indeno(1,2,3-cd)pyrene	140.000	D	10.2	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Phenanthrene	200.000	D	5.1	26.8	ug/Kg
P3663-07DL	916-J-SD-0-0.5-081624D	Solid	Pyrene	450.000	D	7.7	26.8	ug/Kg
			Total Svoc :	**2,861.40**				
			Total Concentration:	**2,861.40**				
Client ID :	**MW-09-6.5-082724**							
P3769-01	MW-09-6.5-082724	Water	1,4-Dioxane	0.070	J	0.07	0.2	ug/L
P3769-01	MW-09-6.5-082724	Water	Anthracene	0.020	J	0.02	0.1	ug/L
P3769-01	MW-09-6.5-082724	Water	Dibenzo(a,h)anthracene	0.040	J	0.04	0.1	ug/L
P3769-01	MW-09-6.5-082724	Water	Fluorene	0.130		0.02	0.1	ug/L
			Total Svoc :	**0.26**				
			Total Concentration:	**0.26**				
Client ID :	**MW-07-6.5-082724**							
P3769-02	MW-07-6.5-082724	Water	1,4-Dioxane	0.380		0.07	0.2	ug/L
P3769-02	MW-07-6.5-082724	Water	Acenaphthene	0.150		0.02	0.1	ug/L
P3769-02	MW-07-6.5-082724	Water	Fluorene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.56**				
			Total Concentration:	**0.56**				
Client ID :	**MW-14B-45.5-082724**							
P3769-03	MW-14B-45.5-082724	Water	Bis(2-ethylhexyl)phthalate	0.210		0.15	0.21	ug/L
			Total Svoc :	**0.21**				
			Total Concentration:	**0.21**				
Client ID :	**OW-02B-21.2-082724**							
P3769-04	OW-02B-21.2-082724	Water	2-Methylnaphthalene	0.050	J	0.03	0.1	ug/L

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BN082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3769-04	OW-02B-21.2-082724	Water	4,6-Dinitro-2-methylphenol	0.250		0.14	0.21	ug/L
P3769-04	OW-02B-21.2-082724	Water	Acenaphthene	0.080	J	0.02	0.1	ug/L
P3769-04	OW-02B-21.2-082724	Water	Anthracene	0.040	J	0.02	0.1	ug/L
P3769-04	OW-02B-21.2-082724	Water	Bis(2-ethylhexyl)phthalate	0.290		0.14	0.21	ug/L
P3769-04	OW-02B-21.2-082724	Water	Fluorene	0.100		0.02	0.1	ug/L
P3769-04	OW-02B-21.2-082724	Water	n-Nitrosodimethylamine	0.090	J	0.03	0.21	ug/L
P3769-04	OW-02B-21.2-082724	Water	Naphthalene	0.040	J	0.02	0.1	ug/L
P3769-04	OW-02B-21.2-082724	Water	Phenanthrene	0.080	J	0.02	0.1	ug/L
			Total Svoc :	**1.02**				
			Total Concentration:	**1.02**				
Client ID :	**MW-15B-42.5-082724**							
P3769-05	MW-15B-42.5-082724	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
			Total Svoc :	**0.15**				
			Total Concentration:	**0.15**				
Client ID :	**MW-10B-42.5-082724**							
P3769-07	MW-10B-42.5-082724	Water	1,4-Dioxane	6.800	E	0.07	0.2	ug/L
P3769-07	MW-10B-42.5-082724	Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.14	0.2	ug/L
			Total Svoc :	**6.97**				
			Total Concentration:	**6.97**				
Client ID :	**OW-03B-51.5-082724**							
P3769-08	OW-03B-51.5-082724	Water	Bis(2-ethylhexyl)phthalate	0.220		0.14	0.2	ug/L
			Total Svoc :	**0.22**				
			Total Concentration:	**0.22**				
Client ID :	**MW-13A-10.5-082724**							
P3769-11	MW-13A-10.5-082724	Water	Acenaphthene	0.390		0.02	0.1	ug/L
P3769-11	MW-13A-10.5-082724	Water	Fluorene	0.090	J	0.02	0.1	ug/L
P3769-11	MW-13A-10.5-082724	Water	Total PAH	0.480	J	0.45	1.6	ug/L
			Total Svoc :	**0.96**				
			Total Concentration:	**0.96**				
Client ID :	**EB01-082724**							
P3769-12	EB01-082724	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P3769-12	EB01-082724	Water	Phenanthrene	0.040	J	0.02	0.1	ug/L
P3769-12	EB01-082724	Water	Pyrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :	**0.09**				
			Total Concentration:	**0.09**				
Client ID :	**RW7-SP100-20240828**							
P3784-01	RW7-SP100-20240828	Water	1,4-Dioxane	5.900	E	0.07	0.21	ug/L
P3784-01	RW7-SP100-20240828	Water	bis(2-Chloroethyl)ether	0.040	J	0.03	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN082924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			**5.94**		
			Total Concentration:			**5.94**		
Client ID :	**ICVBN082924**							
SSTDICV0.4	ICVBN082924	Water	1,4-Dioxane	390.000		68	200	ug/L
SSTDICV0.4	ICVBN082924	Water	2-Methylnaphthalene	380.000		30	100	ug/L
SSTDICV0.4	ICVBN082924	Water	4,6-Dinitro-2-methylphenol	350.000		140	200	ug/L
SSTDICV0.4	ICVBN082924	Water	4-Bromophenyl-phenylether	380.000		26	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Acenaphthene	380.000		20	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Acenaphthylene	370.000		21	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Anthracene	370.000		24	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Atrazine	370.000		23	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Benzo(a)anthracene	390.000		22	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Benzo(a)pyrene	380.000		56	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Benzo(b)fluoranthene	390.000		32	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Benzo(g,h,i)perylene	400.000		37	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Benzo(k)fluoranthene	390.000		34	100	ug/L
SSTDICV0.4	ICVBN082924	Water	bis(2-Chloroethyl)ether	380.000		28	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Bis(2-ethylhexyl)phthalate	370.000		140	200	ug/L
SSTDICV0.4	ICVBN082924	Water	Chrysene	400.000		26	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Dibenzo(a,h)anthracene	400.000		39	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Fluoranthene	380.000		23	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Fluorene	380.000		18	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Hexachlorobenzene	390.000		29	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Hexachlorobutadiene	390.000		26	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Indeno(1,2,3-cd)pyrene	400.000		38	100	ug/L
SSTDICV0.4	ICVBN082924	Water	n-Nitrosodimethylamine	370.000		30	200	ug/L
SSTDICV0.4	ICVBN082924	Water	Naphthalene	390.000		24	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Pentachlorophenol	320.000		90	200	ug/L
SSTDICV0.4	ICVBN082924	Water	Phenanthrene	380.000		20	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Pyrene	400.000		22	100	ug/L
SSTDICV0.4	ICVBN082924	Water	Total PAH	6,200.000		456	1600	ug/L
			Total Svoc :	**16,490.00**				
			Total Concentration:	**16,490.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG No.: BN082924

Instrument ID: Calibration Date(s): 8/29/2024

Calibration Time(s): 16:09

LAB FILE ID: RRF0.1 = BN033671.D RRF0.2 = BN033672.D RRF0.4 = BN033673.D
RRF0.8 = BN033674.D RRF1.6 = BN033675.D RRF3.2 = BN033676.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.563	0.546	0.547	0.600	0.591	0.534	0.564	4.3
Fluoranthene-d10	0.958	0.925	0.954	1.024	1.064	0.971	0.987	4.9
n-Nitrosodimethylamine	0.552	0.557	0.530	0.590	0.566	0.505	0.546	5.3
2-Fluorophenol	1.237	1.200	1.119	1.264	1.247	1.216	1.204	4.5
Phenol-d6	1.455	1.401	1.334	1.487	1.486	1.382	1.421	4.0
bis(2-Chloroethyl)ether	1.123	1.110	1.066	1.171	1.136	0.957	1.085	6.7
Nitrobenzene-d5	0.341	0.311	0.312	0.352	0.348	0.327	0.333	5.0
Naphthalene	1.069	1.054	1.029	1.149	1.115	1.022	1.071	4.3
Hexachlorobutadiene	0.228	0.217	0.213	0.239	0.231	0.211	0.222	4.8
2-Methylnaphthalene	0.649	0.639	0.639	0.702	0.694	0.634	0.660	4.2
2-Fluorobiphenyl	1.697	1.649	1.615	1.786	1.759	1.638	1.686	3.8
Acenaphthylene	1.626	1.616	1.619	1.792	1.842	1.768	1.731	6.2
Acenaphthene	1.207	1.160	1.159	1.257	1.263	1.173	1.204	3.6
Fluorene	1.448	1.416	1.465	1.552	1.572	1.479	1.493	3.8
4,6-Dinitro-2-methylphenol	0.052	0.047	0.049	0.063	0.070	0.069	0.061	18.6
2,4,6-Tribromophenol	0.180	0.179	0.174	0.192	0.207	0.199	0.192	7.8
4-Bromophenyl-phenylether	0.223	0.224	0.226	0.245	0.237	0.227	0.231	3.7
Hexachlorobenzene	0.266	0.257	0.257	0.280	0.270	0.255	0.264	3.4
Atrazine	0.178	0.172	0.180	0.187	0.194	0.184	0.184	4.7
Pentachlorophenol	0.161	0.104	0.094	0.112	0.121	0.117	0.119	17.8
Phenanthrene	1.105	1.078	1.079	1.161	1.160	1.083	1.112	3.3
Anthracene	0.915	0.893	0.916	0.998	1.018	0.977	0.964	5.7
Fluoranthene	1.192	1.162	1.199	1.304	1.360	1.258	1.253	5.7
Pyrene	1.657	1.611	1.660	1.675	1.595	1.534	1.619	3.0
Terphenyl-d14	0.857	0.840	0.872	0.882	0.837	0.801	0.846	3.2
Benzo(a)anthracene	1.416	1.347	1.367	1.460	1.475	1.377	1.411	3.5
Chrysene	1.446	1.389	1.431	1.514	1.518	1.394	1.445	3.6
Bis(2-ethylhexyl)phthalate	1.031	0.762	0.782	0.751	0.749	0.734	0.800	13.0
Benzo(b)fluoranthene	1.502	1.401	1.457	1.518	1.529	1.421	1.470	3.3
Benzo(k)fluoranthene	1.422	1.354	1.412	1.523	1.479	1.433	1.442	3.8
Benzo(a)pyrene	1.191	1.153	1.196	1.276	1.284	1.227	1.228	4.1
Indeno(1,2,3-cd)pyrene	1.670	1.619	1.674	1.832	1.819	1.679	1.716	4.7
Dibenzo(a,h)anthracene	1.328	1.283	1.329	1.461	1.448	1.342	1.366	4.8
Benzo(g,h,i)perylene	1.489	1.426	1.436	1.585	1.543	1.429	1.483	4.1
1,4-Dioxane	0.522	0.471	0.438	0.494	0.465	0.439	0.465	7.4

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 20:57

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	5473	7.53	14353	10.29	6972	14.17
	UPPER LIMIT	10946	8.03	28706	10.792	13944	14.667
	LOWER LIMIT	2736.5	7.03	7176.5	9.792	3486	13.667
	EPA SAMPLE NO.						
01	ICVBN082924	5662	7.53	14337	10.29	6573	14.17
02	PB163051BL	4904	7.53	12565	10.29	5805	14.17
03	MW-05-8-082624	5324	7.53	13609	10.28	7065	14.17
04	MW-09-6.5-082724	5460	7.53	14178	10.28	7204	14.17
05	MW-07-6.5-082724	5782	7.53	15172	10.28	7253	14.17
06	MW-14B-45.5-082724	5648	7.53	14731	10.28	6851	14.17
07	916-J-SD-0-0.5-081624DL	5208	7.53	13259	10.28	6100	14.17
08	PB163051BS	6649	7.53	17247	10.28	7916	14.17
09	PB163051BSD	6371	7.53	16650	10.28	7628	14.17
10	PB163069BL	5475	7.53	13972	10.28	6345	14.17
11	MW-15B-42.5-082724	5257	7.53	13588	10.28	6172	14.17
12	MW-14A-17.5-082724	5179	7.53	13304	10.28	6034	14.17
13	MW-10B-42.5-082724	5391	7.53	13783	10.28	6302	14.17
14	OW-03B-51.5-082724	5446	7.53	14013	10.28	6363	14.16
15	OW-03B-51.5-082724-FD	5295	7.53	13683	10.28	6286	14.17
16	MW-13A-10.5-082724	5167	7.53	13113	10.28	6058	14.16
17	EB01-082724	5420	7.53	13919	10.28	6359	14.17
18	OW-02B-21.2-082724	5593	7.53	14523	10.28	7492	14.16
19	RW7-SP100-20240828	5863	7.53	14982	10.28	6859	14.16
20	RW7-SP201-20240828	5172	7.53	13413	10.28	6044	14.16
21	RW7-SP302-20240828	5275	7.53	13462	10.28	6160	14.16
22	RW7-SP303-20240828	4915	7.53	12505	10.28	5662	14.16
23	PB163069BS	5189	7.52	13250	10.28	6002	14.16

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 13:19

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	5473	7.53	14353	10.29	6972	14.17
	UPPER LIMIT	10946	8.03	28706	10.792	13944	14.667
	LOWER LIMIT	2736.5	7.03	7176.5	9.792	3486	13.667
	EPA SAMPLE NO.						
24	PB163069BSD	4730	7.52	12128	10.28	5537	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 20:57

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	5473	7.53	14353	10.29	6972	14.17
	UPPER LIMIT	10946	8.03	28706	10.792	13944	14.667
	LOWER LIMIT	2736.5	7.03	7176.5	9.792	3486	13.667
	EPA SAMPLE NO.						
01	ICVBN082924	5662	7.53	14337	10.29	6573	14.17
02	PB163051BL	4904	7.53	12565	10.29	5805	14.17
03	MW-05-8-082624	5324	7.53	13609	10.28	7065	14.17
04	MW-09-6.5-082724	5460	7.53	14178	10.28	7204	14.17
05	MW-07-6.5-082724	5782	7.53	15172	10.28	7253	14.17
06	MW-14B-45.5-082724	5648	7.53	14731	10.28	6851	14.17
07	916-J-SD-0-0.5-081624DL	5208	7.53	13259	10.28	6100	14.17
08	PB163051BS	6649	7.53	17247	10.28	7916	14.17
09	PB163051BSD	6371	7.53	16650	10.28	7628	14.17

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BN033689.D Time Analyzed: 04:53

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	5831	7.53	15072	10.28	6860	14.17
	UPPER LIMIT	11662	8.03	30144	10.782	13720	14.667
	LOWER LIMIT	2915.5	7.03	7536	9.782	3430	13.667
	EPA SAMPLE NO.						
01	PB163069BL	5475	7.53	13972	10.28	6345	14.17
02	MW-15B-42.5-082724	5257	7.53	13588	10.28	6172	14.17
03	MW-14A-17.5-082724	5179	7.53	13304	10.28	6034	14.17
04	MW-10B-42.5-082724	5391	7.53	13783	10.28	6302	14.17
05	OW-03B-51.5-082724	5446	7.53	14013	10.28	6363	14.16
06	OW-03B-51.5-082724-FD	5295	7.53	13683	10.28	6286	14.17
07	MW-13A-10.5-082724	5167	7.53	13113	10.28	6058	14.16
08	EB01-082724	5420	7.53	13919	10.28	6359	14.17
09	OW-02B-21.2-082724	5593	7.53	14523	10.28	7492	14.16
10	RW7-SP100-20240828	5863	7.53	14982	10.28	6859	14.16
11	RW7-SP201-20240828	5172	7.53	13413	10.28	6044	14.16
12	RW7-SP302-20240828	5275	7.53	13462	10.28	6160	14.16
13	RW7-SP303-20240828	4915	7.53	12505	10.28	5662	14.16
14	PB163069BS	5189	7.52	13250	10.28	6002	14.16
15	PB163069BSD	4730	7.52	12128	10.28	5537	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.

Alliance TECHNICAL GROUP
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 20:57

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	14125	16.916	10372	21.121	10466	23.285
	UPPER LIMIT	28250	17.416	20744	21.621	20932	23.785
	LOWER LIMIT	7062.5	16.416	5186	20.621	5233	22.785
	EPA SAMPLE NO.						
01	ICVBN082924	12733	16.92	9618	21.12	10412	23.28
02	PB163051BL	11268	16.92	8115	21.12	8788	23.28
03	MW-05-8-082624	12689	16.92	9283	21.12	9861	23.28
04	MW-09-6.5-082724	14643	16.92	12941	21.12	13728	23.28
05	MW-07-6.5-082724	14711	16.92	12078	21.12	13184	23.28
06	MW-14B-45.5-082724	13412	16.92	10520	21.12	11663	23.28
07	916-J-SD-0-0.5-081624DL	11733	16.92	9283	21.12	10100	23.28
08	PB163051BS	14882	16.92	10836	21.12	11830	23.28
09	PB163051BSD	14691	16.92	10483	21.12	11098	23.28
10	PB163069BL	12252	16.92	8560	21.12	9275	23.28
11	MW-15B-42.5-082724	12253	16.92	9102	21.12	10013	23.28
12	MW-14A-17.5-082724	11753	16.92	9313	21.12	10092	23.28
13	MW-10B-42.5-082724	12316	16.92	9355	21.12	10118	23.28
14	OW-03B-51.5-082724	12098	16.92	8757	21.12	9060	23.29
15	OW-03B-51.5-082724-FD	12252	16.92	9050	21.12	9255	23.29
16	MW-13A-10.5-082724	12148	16.92	9303	21.12	10093	23.28
17	EB01-082724	12279	16.92	9862	21.12	10109	23.29
18	OW-02B-21.2-082724	14418	16.92	12503	21.12	13654	23.29
19	RW7-SP100-20240828	13115	16.92	10220	21.12	10666	23.28
20	RW7-SP201-20240828	11772	16.92	8565	21.12	3388 *	23.29
21	RW7-SP302-20240828	11787	16.92	8338	21.12	8827	23.29

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 12:07

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	14125	16.916	10372	21.121	10466	23.285
	UPPER LIMIT	28250	17.416	20744	21.621	20932	23.785
	LOWER LIMIT	7062.5	16.416	5186	20.621	5233	22.785
	EPA SAMPLE NO.						
22	RW7-SP303-20240828	10706	16.92	8421	21.12	8885	23.28
23	PB163069BS	11044	16.92	8123	21.12	8829	23.28
24	PB163069BSD	10543	16.92	7773	21.12	8210	23.29

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 29 2024 12:00AM

Lab File ID: BN033673.D Time Analyzed: 20:57

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	14125	16.916	10372	21.121	10466	23.285
	UPPER LIMIT	28250	17.416	20744	21.621	20932	23.785
	LOWER LIMIT	7062.5	16.416	5186	20.621	5233	22.785
	EPA SAMPLE NO.						
01	ICVBN082924	12733	16.92	9618	21.12	10412	23.28
02	PB163051BL	11268	16.92	8115	21.12	8788	23.28
03	MW-05-8-082624	12689	16.92	9283	21.12	9861	23.28
04	MW-09-6.5-082724	14643	16.92	12941	21.12	13728	23.28
05	MW-07-6.5-082724	14711	16.92	12078	21.12	13184	23.28
06	MW-14B-45.5-082724	13412	16.92	10520	21.12	11663	23.28
07	916-J-SD-0-0.5-081624DL	11733	16.92	9283	21.12	10100	23.28
08	PB163051BS	14882	16.92	10836	21.12	11830	23.28
09	PB163051BSD	14691	16.92	10483	21.12	11098	23.28

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BN033689.D Time Analyzed: 04:53

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	13770	16.917	11603	21.121	12985		23.282
	UPPER LIMIT	27540	17.417	23206	21.621	25970		23.782
	LOWER LIMIT	6885	16.417	5801.5	20.621	6492.5		22.782
	EPA SAMPLE NO.							
01	PB163069BL	12252	16.92	8560	21.12	9275		23.28
02	MW-15B-42.5-082724	12253	16.92	9102	21.12	10013		23.28
03	MW-14A-17.5-082724	11753	16.92	9313	21.12	10092		23.28
04	MW-10B-42.5-082724	12316	16.92	9355	21.12	10118		23.28
05	OW-03B-51.5-082724	12098	16.92	8757	21.12	9060		23.29
06	OW-03B-51.5-082724-FD	12252	16.92	9050	21.12	9255		23.29
07	MW-13A-10.5-082724	12148	16.92	9303	21.12	10093		23.28
08	EB01-082724	12279	16.92	9862	21.12	10109		23.29
09	OW-02B-21.2-082724	14418	16.92	12503	21.12	13654		23.29
10	RW7-SP100-20240828	13115	16.92	10220	21.12	10666		23.28
11	RW7-SP201-20240828	11772	16.92	8565	21.12	3388	*	23.29
12	RW7-SP302-20240828	11787	16.92	8338	21.12	8827		23.29
13	RW7-SP303-20240828	10706	16.92	8421	21.12	8885		23.28
14	PB163069BS	11044	16.92	8123	21.12	8829		23.28
15	PB163069BSD	10543	16.92	7773	21.12	8210		23.29

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BN033689.D Time Analyzed: 13:19

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	13770	16.917	11603	21.121	12985	23.282
UPPER LIMIT	27540	17.417	23206	21.621	25970	23.782
LOWER LIMIT	6885	16.417	5801.5	20.621	6492.5	22.782
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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163051BS	n-Nitrosodimethylamine	0.4	0.37	ug/L	93				33	130	
	bis(2-Chloroethyl)ether	0.4	0.4	ug/L	100				55	118	
	Naphthalene	0.4	0.38	ug/L	95				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				50	122	
	Acenaphthylene	0.4	0.37	ug/L	93				60	119	
	Acenaphthene	0.4	0.38	ug/L	95				65	119	
	Total PAH	6.4	6.16	ug/L	96				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.34	ug/L	85				20	150	
	4-Bromophenyl-phenylether	0.4	0.4	ug/L	100				20	150	
	Hexachlorobenzene	0.4	0.4	ug/L	100				62	127	
	Atrazine	0.4	0.38	ug/L	95				20	150	
	Pentachlorophenol	0.8	0.3	ug/L	38				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Anthracene	0.4	0.38	ug/L	95				57	118	
	Fluoranthene	0.4	0.37	ug/L	93				53	126	
	Pyrene	0.4	0.4	ug/L	100				54	124	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				54	130	
	Chrysene	0.4	0.4	ug/L	100				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.4	ug/L	100				40	137	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				65	121	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				72	119	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				70	127	
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98				65	121	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				76	117	
	1,4-Dioxane	0.4	0.38	ug/L	95				42	127	
PB163051BSD	n-Nitrosodimethylamine	0.4	0.37	ug/L	93	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98	3			55	118	20
	Naphthalene	0.4	0.38	ug/L	95	0			67	120	20
	Hexachlorobutadiene	0.4	0.38	ug/L	95	3			33	114	20
	2-Methylnaphthalene	0.4	0.38	ug/L	95	0			50	122	20
	Acenaphthylene	0.4	0.38	ug/L	95	3			60	119	20
	Acenaphthene	0.4	0.38	ug/L	95	0			65	119	20
	Total PAH	6.4	6.2	ug/L	97	1			65	119	20
	Fluorene	0.4	0.38	ug/L	95	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.34	ug/L	85	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.4	ug/L	100	0			20	150	20
	Hexachlorobenzene	0.4	0.4	ug/L	100	0			62	127	20
	Atrazine	0.4	0.37	ug/L	93	3			20	150	20
	Pentachlorophenol	0.8	0.29	ug/L	36	3			10	137	20
	Phenanthrene	0.4	0.38	ug/L	95	3			65	117	20
	Anthracene	0.4	0.38	ug/L	95	0			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163051BSD	Fluoranthene	0.4	0.37	ug/L	93	0			53	126	20
	Pyrene	0.4	0.4	ug/L	100	0			54	124	20
	Benzo(a)anthracene	0.4	0.39	ug/L	98	0			54	130	20
	Chrysene	0.4	0.4	ug/L	100	0			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.39	ug/L	98	3			40	137	20
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98	3			65	121	20
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98	0			72	119	20
	Benzo(a)pyrene	0.4	0.39	ug/L	98	3			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100	3			70	127	20
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	3			76	117	20
	1,4-Dioxane	0.4	0.38	ug/L	95	0			42	127	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163069BS	n-Nitrosodimethylamine	0.4	0.39	ug/L	98				33	130	
	bis(2-Chloroethyl)ether	0.4	0.41	ug/L	103				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	Acenaphthylene	0.4	0.4	ug/L	100				60	119	
	Acenaphthene	0.4	0.4	ug/L	100				65	119	
	Total PAH	6.4	6.55	ug/L	102				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.26	ug/L	65				20	150	
	4-Bromophenyl-phenylether	0.4	0.4	ug/L	100				20	150	
	Hexachlorobenzene	0.4	0.41	ug/L	103				62	127	
	Atrazine	0.4	0.38	ug/L	95				20	150	
	Pentachlorophenol	0.8	0.48	ug/L	60				10	137	
	Phenanthrene	0.4	0.41	ug/L	103				65	117	
	Anthracene	0.4	0.41	ug/L	103				57	118	
	Fluoranthene	0.4	0.37	ug/L	93				53	126	
	Pyrene	0.4	0.41	ug/L	103				54	124	
	Benzo(a)anthracene	0.4	0.42	ug/L	105				54	130	
	Chrysene	0.4	0.42	ug/L	105				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.37	ug/L	93				40	137	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				65	121	
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				72	119	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				70	127	
	Dibenz(a,h)anthracene	0.4	0.44	ug/L	110				65	121	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				76	117	
	1,4-Dioxane	0.4	0.33	ug/L	83				42	127	
PB163069BSD	n-Nitrosodimethylamine	0.4	0.41	ug/L	103	5			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.41	ug/L	103	0			55	118	20
	Naphthalene	0.4	0.4	ug/L	100	3			67	120	20
	Hexachlorobutadiene	0.4	0.4	ug/L	100	3			33	114	20
	2-Methylnaphthalene	0.4	0.4	ug/L	100	3			50	122	20
	Acenaphthylene	0.4	0.41	ug/L	103	2			60	119	20
	Acenaphthene	0.4	0.41	ug/L	103	2			65	119	20
	Total PAH	6.4	6.75	ug/L	105	3			65	119	20
	Fluorene	0.4	0.39	ug/L	98	3			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.26	ug/L	65	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.41	ug/L	103	2			20	150	20
	Hexachlorobenzene	0.4	0.42	ug/L	105	2			62	127	20
	Atrazine	0.4	0.39	ug/L	98	3			20	150	20
	Pentachlorophenol	0.8	0.49	ug/L	61	2			10	137	20
	Phenanthrene	0.4	0.41	ug/L	103	0			65	117	20
	Anthracene	0.4	0.42	ug/L	105	2			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163069BSD	Fluoranthene	0.4	0.39	ug/L	98	5			53	126	20
	Pyrene	0.4	0.42	ug/L	105	2			54	124	20
	Benzo(a)anthracene	0.4	0.43	ug/L	108	2			54	130	20
	Chrysene	0.4	0.43	ug/L	108	2			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.37	ug/L	93	0			40	137	20
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108	5			65	121	20
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105	5			72	119	20
	Benzo(a)pyrene	0.4	0.45	ug/L	113	2			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.46	ug/L	115	4			70	127	20
	Dibenz(a,h)anthracene	0.4	0.45	ug/L	113	2			65	121	20
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108	5			76	117	20
	1,4-Dioxane	0.4	0.35	ug/L	88	6			42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTDCCC0.4

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

Lab File ID: BN033670.D Lab Sample ID: SSTDCCC0.4

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 08/29/2024

Level: (low/med) LOW Time Analyzed: 15:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033670.D	08/29/2024
ICVBN082924	SSTDICV0.4	BN033678.D	08/29/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163051BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

Lab File ID: BN033679.D Lab Sample ID: PB163051BL

Instrument ID: BNA_N Date Extracted: 08/28/2024

Matrix: (soil/water) Water Date Analyzed: 08/29/2024

Level: (low/med) LOW Time Analyzed: 21:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-05-8-082624	P3647-01	BN033680.D	08/29/2024
MW-09-6.5-082724	P3769-01	BN033681.D	08/29/2024
MW-07-6.5-082724	P3769-02	BN033682.D	08/29/2024
MW-14B-45.5-082724	P3769-03	BN033683.D	08/29/2024
PB163051BS	PB163051BS	BN033685.D	08/30/2024
PB163051BSD	PB163051BSD	BN033686.D	08/30/2024
MW-15B-42.5-082724	P3769-05	BN033691.D	08/30/2024
MW-14A-17.5-082724	P3769-06	BN033692.D	08/30/2024
MW-10B-42.5-082724	P3769-07	BN033693.D	08/30/2024
OW-03B-51.5-082724	P3769-08	BN033694.D	08/30/2024
OW-03B-51.5-082724-FD	P3769-09	BN033695.D	08/30/2024
MW-13A-10.5-082724	P3769-11	BN033696.D	08/30/2024
EB01-082724	P3769-12	BN033697.D	08/30/2024
OW-02B-21.2-082724	P3769-04	BN033698.D	08/30/2024

COMMENTS:

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163069BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082924 SAS No.: BN082924 SDG NO.: BN082924

Lab File ID: BN033690.D Lab Sample ID: PB163069BL

Instrument ID: BNA_N Date Extracted: 08/29/2024

Matrix: (soil/water) Water Date Analyzed: 08/30/2024

Level: (low/med) LOW Time Analyzed: 04:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RW7-SP100-20240828	P3784-01	BN033699.D	08/30/2024
RW7-SP201-20240828	P3784-02	BN033700.D	08/30/2024
RW7-SP302-20240828	P3784-03	BN033701.D	08/30/2024
RW7-SP303-20240828	P3784-04	BN033702.D	08/30/2024
PB163069BS	PB163069BS	BN033703.D	08/30/2024
PB163069BSD	PB163069BSD	BN033704.D	08/30/2024

COMMENTS:

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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDICV0.4	ICVBN082924	BN033678.D	2-Methylnaphthalene-d10	0.4	383.00	95750	*	20	139
			Fluoranthene-d10	0.4	381.00	95250	*	30	150
			2-Fluorophenol	0.4	370.00	92500	*	10	100
			Phenol-d6	0.4	367.00	91750	*	10	100
			Nitrobenzene-d5	0.4	378.00	94500	*	27	123
			2-Fluorobiphenyl	0.4	389.00	97250	*	34	132
			2,4,6-Tribromophenol	0.4	344.00	86000	*	10	131
			Terphenyl-d14	0.4	394.00	98500	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3663-07DL	916-J-SD-0-0.5-081	BN033684.D	2-Methylnaphthalene-d10	0.4	0.20	49		17	161
			Fluoranthene-d10	0.4	0.15	36		23	138
			2-Fluorophenol	0.4	0.23	56		28	122
			Phenol-d6	0.4	0.22	54		25	125
			Nitrobenzene-d5	0.4	0.25	63		33	121
			2-Fluorobiphenyl	0.4	0.18	45		32	121
			2,4,6-Tribromophenol	0.4	0.19	46		19	110
			Terphenyl-d14	0.4	0.16	39		21	130

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3647-01	MW-05-8-082624	BN033680.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.32	80		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.48	121		35	157
P3769-01	MW-09-6.5-082724	BN033681.D	2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.36	90		34	132
			2,4,6-Tribromophenol	0.4	0.37	92		10	131
			Terphenyl-d14	0.4	0.44	111		35	157
P3769-02	MW-07-6.5-082724	BN033682.D	2-Methylnaphthalene-d10	0.4	0.24	59		20	139
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.08	20		10	100
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.24	60		27	123
			2-Fluorobiphenyl	0.4	0.24	59		34	132
			2,4,6-Tribromophenol	0.4	0.22	56		10	131
			Terphenyl-d14	0.4	0.32	81		35	157
P3769-03	MW-14B-45.5-082	BN033683.D	2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.13	31		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.47	118		35	157
P3769-04	OW-02B-21.2-0827	BN033698.D	2-Methylnaphthalene-d10	0.4	0.37	93		20	139
			Fluoranthene-d10	0.4	0.45	112		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.41	101		10	131
			Terphenyl-d14	0.4	0.45	113		35	157
P3769-05	MW-15B-42.5-082	BN033691.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.10	26		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P3769-06	MW-14A-17.5-082	BN033692.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3769-06	MW-14A-17.5-082	BN033692.D	Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.31	79		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.30	75		10	131
			Terphenyl-d14	0.4	0.45	111		35	157
P3769-07	MW-10B-42.5-082	BN033693.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
			Fluoranthene-d10	0.4	0.36	91		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.28	69		27	123
			2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.41	101		35	157
P3769-08	OW-03B-51.5-0827	BN033694.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
			2-Fluorobiphenyl	0.4	0.31	78		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P3769-09	OW-03B-51.5-0827	BN033695.D	2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.40	99		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.45	113		35	157
P3769-11	MW-13A-10.5-082	BN033696.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.14	36		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.30	76		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.29	71		10	131
			Terphenyl-d14	0.4	0.39	97		35	157
P3769-12	EB01-082724	BN033697.D	2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.30	76		10	131
			Terphenyl-d14	0.4	0.42	105		35	157
PB163051BL	PB163051BL	BN033679.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163051BL	PB163051BL	BN033679.D	2-Fluorophenol	0.4	0.33	83		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.40	99		34	132
			2,4,6-Tribromophenol	0.4	0.24	59		10	131
			Terphenyl-d14	0.4	0.44	110		35	157
PB163051BS	PB163051BS	BN033685.D	2-Methylnaphthalene-d10	0.4	0.38	96		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.38	95		10	100
			Phenol-d6	0.4	0.38	95		10	100
			Nitrobenzene-d5	0.4	0.37	94		27	123
			2-Fluorobiphenyl	0.4	0.39	97		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.40	101		35	157
PB163051BSD	PB163051BSD	BN033686.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.38	94		10	100
			Phenol-d6	0.4	0.38	94		10	100
			Nitrobenzene-d5	0.4	0.38	94		27	123
			2-Fluorobiphenyl	0.4	0.39	98		34	132
			2,4,6-Tribromophenol	0.4	0.36	89		10	131
			Terphenyl-d14	0.4	0.40	101		35	157

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3784-01	RW7-SP100-20240	BN033699.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.20	49		10	100
			Phenol-d6	0.4	0.12	30		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
			2,4,6-Tribromophenol	0.4	0.31	78		10	131
			Terphenyl-d14	0.4	0.46	115		35	157
P3784-02	RW7-SP201-20240	BN033700.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.37	91		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.47	116		35	157
P3784-03	RW7-SP302-20240	BN033701.D	2-Methylnaphthalene-d10	0.4	0.36	90		20	139
			Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.37	93		34	132
			2,4,6-Tribromophenol	0.4	0.32	80		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
P3784-04	RW7-SP303-20240	BN033702.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.28	69		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
PB163069BL	PB163069BL	BN033690.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.30	75		10	100
			Phenol-d6	0.4	0.29	72		10	100
			Nitrobenzene-d5	0.4	0.36	89		27	123
			2-Fluorobiphenyl	0.4	0.37	91		34	132
			2,4,6-Tribromophenol	0.4	0.13	33		10	131
			Terphenyl-d14	0.4	0.40	100		35	157
PB163069BS	PB163069BS	BN033703.D	2-Methylnaphthalene-d10	0.4	0.44	110		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.33	81		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.39	96		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.41	103		35	157
PB163069BSD	PB163069BSD	BN033704.D	2-Methylnaphthalene-d10	0.4	0.46	114		20	139

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Surrogate Summary

SW-846

SDG No.: BN082924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163069BSD	PB163069BSD	BN033704.D	Fluoranthene-d10	0.4	0.39	96		30	150
			2-Fluorophenol	0.4	0.34	84		10	100
			Phenol-d6	0.4	0.32	81		10	100
			Nitrobenzene-d5	0.4	0.40	100		27	123
			2-Fluorobiphenyl	0.4	0.41	102		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.42	105		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN082924

Lab Code: CHEM SAS No.: BN082924 SDG NO.: BN082924

Lab File ID: BN033669.D DFTPP Injection Date: 08/29/2024

Instrument ID: BNA_N DFTPP Injection Time: 14:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.3
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	9.8
442	Greater than 50% of mass 198	67.7
443	15.0 - 24.0% of mass 442	13 (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
SSTDCCC0.4	SSTDCCC0.4	BN033670.D	08/29/2024	15:27
SSTDICC0.1	SSTDICC0.1	BN033671.D	08/29/2024	16:09
SSTDICC0.2	SSTDICC0.2	BN033672.D	08/29/2024	16:45
SSTDICCC0.4	SSTDICCC0.4	BN033673.D	08/29/2024	17:21
SSTDICC0.8	SSTDICC0.8	BN033674.D	08/29/2024	17:57
SSTDICC1.6	SSTDICC1.6	BN033675.D	08/29/2024	18:33
SSTDICC3.2	SSTDICC3.2	BN033676.D	08/29/2024	19:09
SSTDICC5.0	SSTDICC5.0	BN033677.D	08/29/2024	19:45
ICVBN082924	SSTDICV0.4	BN033678.D	08/29/2024	20:57
PB163051BL	PB163051BL	BN033679.D	08/29/2024	21:33
MW-05-8-082624	P3647-01	BN033680.D	08/29/2024	22:09
MW-09-6.5-082724	P3769-01	BN033681.D	08/29/2024	22:45
MW-07-6.5-082724	P3769-02	BN033682.D	08/29/2024	23:21
MW-14B-45.5-082724	P3769-03	BN033683.D	08/29/2024	23:57
916-J-SD-0-0.5-081624DL	P3663-07DL	BN033684.D	08/30/2024	00:34
PB163051BS	PB163051BS	BN033685.D	08/30/2024	01:10
PB163051BSD	PB163051BSD	BN033686.D	08/30/2024	01:46
SSTDCCC0.4EC	SSTDCCC0.4	BN033687.D	08/30/2024	02:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN082924

Lab Code: CHEM SAS No.: BN082924 SDG NO.: BN082924

Lab File ID: BN033688.D DFTPP Injection Date: 08/30/2024

Instrument ID: BNA_N DFTPP Injection Time: 03:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	69.1
443	15.0 - 24.0% of mass 442	14.2 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033689.D	08/30/2024	04:17
PB163069BL	PB163069BL	BN033690.D	08/30/2024	04:53
MW-15B-42.5-082724	P3769-05	BN033691.D	08/30/2024	05:29
MW-14A-17.5-082724	P3769-06	BN033692.D	08/30/2024	06:05
MW-10B-42.5-082724	P3769-07	BN033693.D	08/30/2024	06:41
OW-03B-51.5-082724	P3769-08	BN033694.D	08/30/2024	07:17
OW-03B-51.5-082724-FD	P3769-09	BN033695.D	08/30/2024	07:53
MW-13A-10.5-082724	P3769-11	BN033696.D	08/30/2024	08:30
EB01-082724	P3769-12	BN033697.D	08/30/2024	09:06
OW-02B-21.2-082724	P3769-04	BN033698.D	08/30/2024	09:42
RW7-SP100-20240828	P3784-01	BN033699.D	08/30/2024	10:18
RW7-SP201-20240828	P3784-02	BN033700.D	08/30/2024	10:54
RW7-SP302-20240828	P3784-03	BN033701.D	08/30/2024	11:31
RW7-SP303-20240828	P3784-04	BN033702.D	08/30/2024	12:07
PB163069BS	PB163069BS	BN033703.D	08/30/2024	12:43
PB163069BSD	PB163069BSD	BN033704.D	08/30/2024	13:19
SSTDCCC0.4EC	SSTDCCC0.4	BN033705.D	08/30/2024	13:55