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.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: BNA_N Calibration Date/Time: 9/19/2024 12 09:33

Lab File ID: BN034046.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	0.591	0.561		-5.076	20.0
Fluoranthene-d10	1.009	0.960		-4.856	20.0
n-Nitrosodimethylamine	0.569	0.555		-2.46	20.0
2-Fluorophenol	1.135	1.226		8.018	20.0
Phenol-d6	1.320	1.358		2.879	20.0
bis(2-Chloroethyl)ether	1.168	1.114		-4.623	20.0
Nitrobenzene-d5	0.306	0.275		-10.131	20.0
Naphthalene	1.098	1.060		-3.461	20.0
Hexachlorobutadiene	0.207	0.204		-1.449	20.0
2-Methylnaphthalene	0.714	0.673		-5.742	20.0
2-Fluorobiphenyl	1.627	1.623		-0.246	20.0
Acenaphthylene	1.712	1.603		-6.367	20.0
Acenaphthene	1.228	1.206		-1.792	20.0
Fluorene	1.612	1.576		-2.233	20.0
4,6-Dinitro-2-methylphenol	0.057	0.046		-19.298	20.0
2,4,6-Tribromophenol	0.181	0.186		2.762	20.0
4-Bromophenyl-phenylether	0.225	0.215		-4.444	20.0
Hexachlorobenzene	0.252	0.252		0.0	20.0
Atrazine	0.186	0.204		9.677	20.0
Pentachlorophenol	0.083	0.095		14.458	20.0
Phenanthrene	1.149	1.114		-3.046	20.0
Anthracene	0.937	0.868		-7.364	20.0
Fluoranthene	1.331	1.276		-4.132	20.0
Pyrene	1.688	1.736		2.844	20.0
Terphenyl-d14	0.799	0.858		7.384	20.0
Benzo(a)anthracene	1.265	1.229		-2.846	20.0
Chrysene	1.510	1.544		2.252	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.438		-16.888	20.0
Benzo(b)fluoranthene	1.567	1.492		-4.786	20.0
Benzo(k)fluoranthene	1.645	1.682		2.249	20.0
Benzo(a)pyrene	1.277	1.216		-4.777	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.598		-6.768	20.0
Dibenzo(a,h)anthracene	1.331	1.211		-9.016	20.0
Benzo(g,h,i)perylene	1.495	1.333		-10.836	20.0
1,4-Dioxane	0.500	0.491		-1.8	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.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: BNA_N Calibration Date/Time: 9/19/2024 12 20:04

Lab File ID: BN034058.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	0.591	0.589		-0.338	50.0
Fluoranthene-d10	1.009	0.960		-4.856	50.0
n-Nitrosodimethylamine	0.569	0.509		-10.545	50.0
2-Fluorophenol	1.135	0.801		-29.427	50.0
Phenol-d6	1.320	1.142		-13.485	50.0
bis(2-Chloroethyl)ether	1.168	1.160		-0.685	50.0
Nitrobenzene-d5	0.306	0.293		-4.248	50.0
Naphthalene	1.098	1.063		-3.188	50.0
Hexachlorobutadiene	0.207	0.224		8.213	50.0
2-Methylnaphthalene	0.714	0.686		-3.922	50.0
2-Fluorobiphenyl	1.627	2.225		36.755	50.0
Acenaphthylene	1.712	1.633		-4.614	50.0
Acenaphthene	1.228	1.194		-2.769	50.0
Fluorene	1.612	1.543		-4.28	50.0
4,6-Dinitro-2-methylphenol	0.057	0.043		-24.561	50.0
2,4,6-Tribromophenol	0.181	0.173		-4.42	50.0
4-Bromophenyl-phenylether	0.225	0.219		-2.667	50.0
Hexachlorobenzene	0.252	0.270		7.143	50.0
Atrazine	0.186	0.164		-11.828	50.0
Pentachlorophenol	0.083	0.060		-27.711	50.0
Phenanthrene	1.149	1.088		-5.309	50.0
Anthracene	0.937	0.942		0.534	50.0
Fluoranthene	1.331	1.197		-10.068	50.0
Pyrene	1.688	1.733		2.666	50.0
Terphenyl-d14	0.799	0.906		13.392	50.0
Benzo(a)anthracene	1.265	1.178		-6.877	50.0
Chrysene	1.510	1.436		-4.901	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.488		-7.4	50.0
Benzo(b)fluoranthene	1.567	1.845		17.741	50.0
Benzo(k)fluoranthene	1.645	1.923		16.9	50.0
Benzo(a)pyrene	1.277	1.193		-6.578	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.583		-7.643	50.0
Dibenzo(a,h)anthracene	1.331	1.239		-6.912	50.0
Benzo(g,h,i)perylene	1.495	1.401		-6.288	50.0
1,4-Dioxane	0.500	0.365		-27.0	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.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: BNA_N Calibration Date/Time: 9/18/2024 12 13:05

Lab File ID: BN034035.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	0.591	0.560		-5.245	20.0
Fluoranthene-d10	1.009	0.953		-5.55	20.0
n-Nitrosodimethylamine	0.569	0.550		-3.339	20.0
2-Fluorophenol	1.135	1.069		-5.815	20.0
Phenol-d6	1.320	1.189		-9.924	20.0
bis(2-Chloroethyl)ether	1.168	1.106		-5.308	20.0
Nitrobenzene-d5	0.306	0.280		-8.497	20.0
Naphthalene	1.098	1.056		-3.825	20.0
Hexachlorobutadiene	0.207	0.204		-1.449	20.0
2-Methylnaphthalene	0.714	0.678		-5.042	20.0
2-Fluorobiphenyl	1.627	1.574		-3.258	20.0
Acenaphthylene	1.712	1.537		-10.222	20.0
Acenaphthene	1.228	1.175		-4.316	20.0
Fluorene	1.612	1.528		-5.211	20.0
4,6-Dinitro-2-methylphenol	0.057	0.046		-19.298	20.0
2,4,6-Tribromophenol	0.181	0.155		-14.365	20.0
4-Bromophenyl-phenylether	0.225	0.213		-5.333	20.0
Hexachlorobenzene	0.252	0.248		-1.587	20.0
Atrazine	0.186	0.170		-8.602	20.0
Pentachlorophenol	0.083	0.070		-15.663	20.0
Phenanthrene	1.149	1.107		-3.655	20.0
Anthracene	0.937	0.843		-10.032	20.0
Fluoranthene	1.331	1.258		-5.485	20.0
Pyrene	1.688	1.691		0.178	20.0
Terphenyl-d14	0.799	0.794		-0.626	20.0
Benzo(a)anthracene	1.265	1.178		-6.877	20.0
Chrysene	1.510	1.529		1.258	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.550		4.364	20.0
Benzo(b)fluoranthene	1.567	1.453		-7.275	20.0
Benzo(k)fluoranthene	1.645	1.626		-1.155	20.0
Benzo(a)pyrene	1.277	1.197		-6.265	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.765		2.975	20.0
Dibenzo(a,h)anthracene	1.331	1.352		1.578	20.0
Benzo(g,h,i)perylene	1.495	1.505		0.669	20.0
1,4-Dioxane	0.500	0.503		0.6	20.0

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
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Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	ICVBN091924	SDG No.:	BN091924
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
BN034040.D	1		9/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		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	410		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	370		30	100	100	ug/L
208-96-8	Acenaphthylene	370		21	100	100	ug/L
83-32-9	Acenaphthene	400		20	100	100	ug/L
Total PAH	Total PAH	6260		456	100	1600	ug/L
86-73-7	Fluorene	380		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	370		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	390		26	100	100	ug/L
118-74-1	Hexachlorobenzene	420		29	100	100	ug/L
1912-24-9	Atrazine	370		23	100	100	ug/L
87-86-5	Pentachlorophenol	390		90	200	200	ug/L
85-01-8	Phenanthrene	390		20	100	100	ug/L
120-12-7	Anthracene	360		24	100	100	ug/L
206-44-0	Fluoranthene	350		23	100	100	ug/L
129-00-0	Pyrene	450		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	370		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	410		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	390		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	410		37	100	100	ug/L
123-91-1	1,4-Dioxane	420		68	200	200	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN091924			SDG No.:	BN091924
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
BN034040.D	1		9/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	370	*	20-139		92500	SPK: -0.4
93951-69-0	Fluoranthene-d10	350	*	30-150		87500	SPK: -0.4
367-12-4	2-Fluorophenol	442	*	10-100		110500	SPK: -0.4
13127-88-3	Phenol-d6	406	*	10-100		101500	SPK: -0.4
4165-60-0	Nitrobenzene-d5	357	*	27-123		89250	SPK: -0.4
321-60-8	2-Fluorobiphenyl	405	*	34-132		101250	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	377	*	10-131		94250	SPK: -0.4
1718-51-0	Terphenyl-d14	415	*	35-157		103750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7441	7.438				
1146-65-2	Naphthalene-d8	20648	10.191				
15067-26-2	Acenaphthene-d10	10842	14.083				
1517-22-2	Phenanthrene-d10	21730	16.833				
1719-03-5	Chrysene-d12	13486	21.062				
1520-96-3	Perylene-d12	12946	23.189				

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BL			SDG No.:	BN091924
Lab Sample ID:	PB163341BL			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
BN034041.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

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:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BL			SDG No.:	BN091924
Lab Sample ID:	PB163341BL			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
BN034041.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

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	0.367		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.329		10-100		82	SPK: -0.4
13127-88-3	Phenol-d6	0.246		10-100		62	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.289		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.127		10-131		32	SPK: -0.4
1718-51-0	Terphenyl-d14	0.443		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7257	7.437				
1146-65-2	Naphthalene-d8	18819	10.201				
15067-26-2	Acenaphthene-d10	9563	14.083				
1517-22-2	Phenanthrene-d10	20045	16.845				
1719-03-5	Chrysene-d12	12322	21.061				
1520-96-3	Perylene-d12	9995	23.191				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-08			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
BN034042.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

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	270	E	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	95.4	E	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:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-08			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
BN034042.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.005	*	30-150		1	SPK: -0.4
367-12-4	2-Fluorophenol	148.381	*	10-100		37095	SPK: -0.4
13127-88-3	Phenol-d6	172.942	*	10-100		43236	SPK: -0.4
4165-60-0	Nitrobenzene-d5	123.766	*	27-123		30941	SPK: -0.4
321-60-8	2-Fluorobiphenyl	98.356	*	34-132		24589	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	233.307	*	10-131		58327	SPK: -0.4
1718-51-0	Terphenyl-d14	116.387	*	35-157		29097	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7056	7.438				
1146-65-2	Naphthalene-d8	21248	10.191				
15067-26-2	Acenaphthene-d10	11207	14.079				
1517-22-2	Phenanthrene-d10	24877	16.84				
1719-03-5	Chrysene-d12	16205	21.06				
1520-96-3	Perylene-d12	15627	23.189				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-08DL			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
BN034043.D	5	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.15	U	0.15	1	1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.14	U	0.14	0.5	0.5	ug/L
91-20-3	Naphthalene	0.12	U	0.12	0.5	0.5	ug/L
87-68-3	Hexachlorobutadiene	0.13	U	0.13	0.5	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.15	U	0.15	0.5	0.5	ug/L
208-96-8	Acenaphthylene	0.11	U	0.11	0.5	0.5	ug/L
83-32-9	Acenaphthene	0.1	U	0.1	0.5	0.5	ug/L
Total PAH	Total PAH	2.3	U	2.3	0.5	8	ug/L
86-73-7	Fluorene	0.09	U	0.09	0.5	0.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	ED	0.7	1	1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.13	U	0.13	0.5	0.5	ug/L
118-74-1	Hexachlorobenzene	0.14	U	0.14	0.5	0.5	ug/L
1912-24-9	Atrazine	0.12	U	0.12	0.5	0.5	ug/L
87-86-5	Pentachlorophenol	77.5	ED	0.45	1	1	ug/L
85-01-8	Phenanthrene	0.1	U	0.1	0.5	0.5	ug/L
120-12-7	Anthracene	0.12	U	0.12	0.5	0.5	ug/L
206-44-0	Fluoranthene	0.12	U	0.12	0.5	0.5	ug/L
129-00-0	Pyrene	0.11	U	0.11	0.5	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.5	0.5	ug/L
218-01-9	Chrysene	0.13	U	0.13	0.5	0.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.7	U	0.7	1	1	ug/L
205-99-2	Benzo(b)fluoranthene	0.16	U	0.16	0.5	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.17	U	0.17	0.5	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.28	U	0.28	0.5	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.19	0.5	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.2	U	0.2	0.5	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.19	0.5	0.5	ug/L
123-91-1	1,4-Dioxane	0.34	U	0.34	1	1	ug/L

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-08DL			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
BN034043.D	5	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.005	*	30-150		1	SPK: -0.4
367-12-4	2-Fluorophenol	160.585	*	10-100		40146	SPK: -0.4
13127-88-3	Phenol-d6	180.17	*	10-100		45042	SPK: -0.4
4165-60-0	Nitrobenzene-d5	130.78	*	27-123		32695	SPK: -0.4
321-60-8	2-Fluorobiphenyl	117.61	*	34-132		29402	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	216.47	*	10-131		54117	SPK: -0.4
1718-51-0	Terphenyl-d14	151.995	*	35-157		37999	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7922	7.438				
1146-65-2	Naphthalene-d8	22980	10.191				
15067-26-2	Acenaphthene-d10	11429	14.079				
1517-22-2	Phenanthrene-d10	23143	16.84				
1719-03-5	Chrysene-d12	13266	21.06				
1520-96-3	Perylene-d12	12271	23.189				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-PAH-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-21			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
BN034044.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

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	7.8	E	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	2.7		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	14.5	E	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	8.7	E	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	76.14	E	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	7.3	E	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	4.8		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	4.5		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	4.7		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	3		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.64		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	1		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	4.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.4		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	2.4		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.4		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.3		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3		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:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-PAH-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-21			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
BN034044.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.407		20-139		102	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.425		30-150		106	SPK: -0.4
367-12-4	2-Fluorophenol	0.419	*	10-100		105	SPK: -0.4
13127-88-3	Phenol-d6	0.323		10-100		81	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.349		27-123		87	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.425		34-132		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.193		10-131		48	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	5896	7.438				
1146-65-2	Naphthalene-d8	16928	10.191				
15067-26-2	Acenaphthene-d10	9264	14.08				
1517-22-2	Phenanthrene-d10	20315	16.84				
1719-03-5	Chrysene-d12	14604	21.06				
1520-96-3	Perylene-d12	12953	23.187				

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BL			SDG No.:	BN091924
Lab Sample ID:	PB163341BL			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
BN034047.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BL			SDG No.:	BN091924
Lab Sample ID:	PB163341BL			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
BN034047.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.318		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.368		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.334		10-100		83	SPK: -0.4
13127-88-3	Phenol-d6	0.262		10-100		65	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.302		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.346		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.121		10-131		30	SPK: -0.4
1718-51-0	Terphenyl-d14	0.435		35-157		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7708	7.438				
1146-65-2	Naphthalene-d8	19759	10.201				
15067-26-2	Acenaphthene-d10	10160	14.083				
1517-22-2	Phenanthrene-d10	21734	16.845				
1719-03-5	Chrysene-d12	14035	21.062				
1520-96-3	Perylene-d12	11710	23.189				

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Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL2	SDG No.:	BN091924
Lab Sample ID:	P3845-08DL2	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
BN034048.D	50	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.5	U	1.5	10	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.4	U	1.4	5	5	ug/L
91-20-3	Naphthalene	1.2	U	1.2	5	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	5	5	ug/L
83-32-9	Acenaphthene	1	U	1	5	5	ug/L
Total PAH	Total PAH	23	U	23	5	80	ug/L
86-73-7	Fluorene	0.9	U	0.9	5	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	130	D	7	10	10	ug/L
101-55-3	4-Bromophenyl-phenylether	1.3	U	1.3	5	5	ug/L
118-74-1	Hexachlorobenzene	1.5	U	1.5	5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	5	ug/L
87-86-5	Pentachlorophenol	49.5	D	4.5	10	10	ug/L
85-01-8	Phenanthrene	1	U	1	5	5	ug/L
120-12-7	Anthracene	1.2	U	1.2	5	5	ug/L
206-44-0	Fluoranthene	1.2	U	1.2	5	5	ug/L
129-00-0	Pyrene	1.1	U	1.1	5	5	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	5	5	ug/L
218-01-9	Chrysene	1.3	U	1.3	5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7	U	7	10	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	5	5	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	5	5	ug/L
123-91-1	1,4-Dioxane	3.4	U	3.4	10	10	ug/L

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL2			SDG No.:	BN091924
Lab Sample ID:	P3845-08DL2			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
BN034048.D	50	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	146.05	*	10-100		36513	SPK: -0.4
13127-88-3	Phenol-d6	154.15	*	10-100		38537	SPK: -0.4
4165-60-0	Nitrobenzene-d5	112	*	27-123		28000	SPK: -0.4
321-60-8	2-Fluorobiphenyl	119.15	*	34-132		29788	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	168.2	*	10-131		42050	SPK: -0.4
1718-51-0	Terphenyl-d14	128.8	*	35-157		32200	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7953	7.438				
1146-65-2	Naphthalene-d8	22663	10.191				
15067-26-2	Acenaphthene-d10	12115	14.083				
1517-22-2	Phenanthrene-d10	27146	16.833				
1719-03-5	Chrysene-d12	21019	21.062				
1520-96-3	Perylene-d12	22022	23.192				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-PAH-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-21DL			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
BN034049.D	10	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3	U	0.3	2	2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28	U	0.28	1	1	ug/L
91-20-3	Naphthalene	7.5	D	0.24	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.26	U	0.26	1	1	ug/L
91-57-6	2-Methylnaphthalene	2.8	D	0.3	1	1	ug/L
208-96-8	Acenaphthylene	13.3	D	0.21	1	1	ug/L
83-32-9	Acenaphthene	7.6	D	0.2	1	1	ug/L
Total PAH	Total PAH	64.37	D	4.56	1	16	ug/L
86-73-7	Fluorene	6.7	D	0.18	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2	2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.26	U	0.26	1	1	ug/L
118-74-1	Hexachlorobenzene	0.29	U	0.29	1	1	ug/L
1912-24-9	Atrazine	0.23	U	0.23	1	1	ug/L
87-86-5	Pentachlorophenol	0.9	U	0.9	2	2	ug/L
85-01-8	Phenanthrene	3.7	D	0.2	1	1	ug/L
120-12-7	Anthracene	3.4	D	0.24	1	1	ug/L
206-44-0	Fluoranthene	3.8	D	0.23	1	1	ug/L
129-00-0	Pyrene	2.3	D	0.22	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.63	JD	0.22	1	1	ug/L
218-01-9	Chrysene	0.84	JD	0.26	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.4	U	1.4	2	2	ug/L
205-99-2	Benzo(b)fluoranthene	3.2	D	0.32	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	D	0.34	1	1	ug/L
50-32-8	Benzo(a)pyrene	1.8	D	0.56	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	D	0.38	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.3	D	0.39	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	1	D	0.37	1	1	ug/L
123-91-1	1,4-Dioxane	0.68	U	0.68	2	2	ug/L

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-PAH-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-21DL			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
BN034049.D	10	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.43		20-139		108	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.41		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.52	*	10-100		130	SPK: -0.4
13127-88-3	Phenol-d6	0.53	*	10-100		132	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.31		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.42		34-132		105	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.45		10-131		113	SPK: -0.4
1718-51-0	Terphenyl-d14	0.53		35-157		132	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5064	7.43				
1146-65-2	Naphthalene-d8	22842	10.191				
15067-26-2	Acenaphthene-d10	14470	14.083				
1517-22-2	Phenanthrene-d10	42455	16.833				
1719-03-5	Chrysene-d12	35048	21.062				
1520-96-3	Perylene-d12	35046	23.192				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-05			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
BN034050.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.5	E	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	100	E	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	100	E	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	57.1	E	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	68.7	E	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	130	E	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	17.8	E	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	953.7	E	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	120	E	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	130	E	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	100	E	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	28.3	E	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	88	E	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	130	E	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	45	E	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	60.1	E	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	70.2	E	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	73.5	E	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	66.8	E	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	54	E	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:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-BN-WP			SDG No.:	BN091924
Lab Sample ID:	P3845-05			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
BN034050.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	122.043	*	10-100		30511	SPK: -0.4
13127-88-3	Phenol-d6	143.58	*	10-100		35895	SPK: -0.4
4165-60-0	Nitrobenzene-d5	101.057	*	27-123		25264	SPK: -0.4
321-60-8	2-Fluorobiphenyl	75.2	*	34-132		18800	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	157.694	*	10-131		39423	SPK: -0.4
1718-51-0	Terphenyl-d14	84.923	*	35-157		21231	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8708	7.431				
1146-65-2	Naphthalene-d8	27951	10.191				
15067-26-2	Acenaphthene-d10	16309	14.083				
1517-22-2	Phenanthrene-d10	36587	16.833				
1719-03-5	Chrysene-d12	29264	21.071				
1520-96-3	Perylene-d12	24456	23.198				

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-05DL			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
BN034051.D	50	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	D	1.5	10	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	130	D	1.4	5	5	ug/L
91-20-3	Naphthalene	150	D	1.2	5	5	ug/L
87-68-3	Hexachlorobutadiene	73.8	D	1.3	5	5	ug/L
91-57-6	2-Methylnaphthalene	93.3	D	1.5	5	5	ug/L
208-96-8	Acenaphthylene	160	D	1.1	5	5	ug/L
83-32-9	Acenaphthene	20.7	D	1	5	5	ug/L
Total PAH	Total PAH	1344.6	D	23	5	80	ug/L
86-73-7	Fluorene	190	D	0.9	5	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7	U	7	10	10	ug/L
101-55-3	4-Bromophenyl-phenylether	1.3	U	1.3	5	5	ug/L
118-74-1	Hexachlorobenzene	150	D	1.5	5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	5	ug/L
87-86-5	Pentachlorophenol	4.5	U	4.5	10	10	ug/L
85-01-8	Phenanthrene	1	U	1	5	5	ug/L
120-12-7	Anthracene	140	D	1.2	5	5	ug/L
206-44-0	Fluoranthene	1.2	U	1.2	5	5	ug/L
129-00-0	Pyrene	32.5	D	1.1	5	5	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	5	5	ug/L
218-01-9	Chrysene	150	D	1.3	5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	D	7	10	10	ug/L
205-99-2	Benzo(b)fluoranthene	51	D	1.6	5	5	ug/L
207-08-9	Benzo(k)fluoranthene	79.6	D	1.7	5	5	ug/L
50-32-8	Benzo(a)pyrene	84.9	D	2.8	5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	1.9	5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	98.9	D	2	5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	77	D	1.9	5	5	ug/L
123-91-1	1,4-Dioxane	3.4	U	3.4	10	10	ug/L

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Report of Analysis

Client:				Date Collected:	9/3/2024 12:00:00 AM
Project:				Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	PT-BN-WPDL			SDG No.:	BN091924
Lab Sample ID:	P3845-05DL			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
BN034051.D	50	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	135.6	*	10-100		33900	SPK: -0.4
13127-88-3	Phenol-d6	137.2	*	10-100		34300	SPK: -0.4
4165-60-0	Nitrobenzene-d5	100.8	*	27-123		25200	SPK: -0.4
321-60-8	2-Fluorobiphenyl	101.25	*	34-132		25313	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	121.7	*	10-131		30425	SPK: -0.4
1718-51-0	Terphenyl-d14	127.2	*	35-157		31800	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7820	7.43				
1146-65-2	Naphthalene-d8	23087	10.191				
15067-26-2	Acenaphthene-d10	14195	14.083				
1517-22-2	Phenanthrene-d10	31128	16.833				
1719-03-5	Chrysene-d12	25511	21.062				
1520-96-3	Perylene-d12	25402	23.195				

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BS			SDG No.:	BN091924
Lab Sample ID:	PB163341BS			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
BN034052.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.4		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.43		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.41		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		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	6.21		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	0.43		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.49		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.51		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.48		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.31		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	0.39		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.52		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	0.38		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.44		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	0.41		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.27		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.27		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.27		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.4		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BS			SDG No.:	BN091924
Lab Sample ID:	PB163341BS			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
BN034052.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.389		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.546		30-150		137	SPK: -0.4
367-12-4	2-Fluorophenol	0.41	*	10-100		102	SPK: -0.4
13127-88-3	Phenol-d6	0.404	*	10-100		101	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.39		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.414		34-132		103	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.382		10-131		95	SPK: -0.4
1718-51-0	Terphenyl-d14	0.548		35-157		137	SPK: -0.4

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	8638	7.431
1146-65-2	Naphthalene-d8	24792	10.191
15067-26-2	Acenaphthene-d10	13364	14.083
1517-22-2	Phenanthrene-d10	22485	16.833
1719-03-5	Chrysene-d12	18706	21.062
1520-96-3	Perylene-d12	24163	23.192

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BSD			SDG No.:	BN091924
Lab Sample ID:	PB163341BSD			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
BN034053.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.4		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	0.39		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	0.37		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	5.86		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	0.35		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		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	0.34		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.28		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.37		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	0.38		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.38		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	0.37		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	0.37		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.32		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.28		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/12/2024 12:00:00 AM
Project:				Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163341BSD			SDG No.:	BN091924
Lab Sample ID:	PB163341BSD			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
BN034053.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.356		20-139		89	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.368		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.333		10-100		83	SPK: -0.4
13127-88-3	Phenol-d6	0.316		10-100		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.36		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.503		34-132		126	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.343		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.377		35-157		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6385	7.438				
1146-65-2	Naphthalene-d8	18900	10.191				
15067-26-2	Acenaphthene-d10	7692	14.083				
1517-22-2	Phenanthrene-d10	17049	16.833				
1719-03-5	Chrysene-d12	13235	21.062				
1520-96-3	Perylene-d12	12101	23.189				

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240910			SDG No.:	BN091924
Lab Sample ID:	P3970-03			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
BN034054.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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	0.15	J	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:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240910			SDG No.:	BN091924
Lab Sample ID:	P3970-03			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
BN034054.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.038	*	20-139		9	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.037	*	10-100		9	SPK: -0.4
13127-88-3	Phenol-d6	0.001	*	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.257		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.329		10-131		82	SPK: -0.4
1718-51-0	Terphenyl-d14	0.472		35-157		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6080	7.438				
1146-65-2	Naphthalene-d8	17348	10.191				
15067-26-2	Acenaphthene-d10	6888	14.083				
1517-22-2	Phenanthrene-d10	16089	16.833				
1719-03-5	Chrysene-d12	13143	21.062				
1520-96-3	Perylene-d12	11902	23.186				

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-01			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
BN034055.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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	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	0.45	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	3.4		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-01			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
BN034055.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.305		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.387		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.064		10-100		16	SPK: -0.4
13127-88-3	Phenol-d6	0.046		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.258		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.314		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.252		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.661	*	35-157		165	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5666	7.438				
1146-65-2	Naphthalene-d8	15607	10.191				
15067-26-2	Acenaphthene-d10	9040	14.083				
1517-22-2	Phenanthrene-d10	20719	16.833				
1719-03-5	Chrysene-d12	11369	21.062				
1520-96-3	Perylene-d12	10239	23.186				

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-02			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
BN034056.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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	0.05	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	0.04	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	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:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-02			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
BN034056.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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	0.393		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.086		10-100		22	SPK: -0.4
13127-88-3	Phenol-d6	0.071		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.3		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.316		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.331		10-131		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.51		35-157		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5408	7.438				
1146-65-2	Naphthalene-d8	12034	10.191				
15067-26-2	Acenaphthene-d10	6888	14.083				
1517-22-2	Phenanthrene-d10	15647	16.833				
1719-03-5	Chrysene-d12	11803	21.062				
1520-96-3	Perylene-d12	11557	23.189				

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-04			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
BN034057.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

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	0.15	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	0.13	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20240911			SDG No.:	BN091924
Lab Sample ID:	P3972-04			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
BN034057.D	1	9/12/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.39		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.479		30-150		120	SPK: -0.4
367-12-4	2-Fluorophenol	0.106		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.061		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.337		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.294		34-132		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.302		10-131		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.57		35-157		142	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3991	7.438				
1146-65-2	Naphthalene-d8	11181	10.191				
15067-26-2	Acenaphthene-d10	6723	14.079				
1517-22-2	Phenanthrene-d10	14890	16.84				
1719-03-5	Chrysene-d12	11449	21.06				
1520-96-3	Perylene-d12	9854	23.189				

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Hit Summary Sheet
SW-846

SDG No.: BN091924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-BN-WP								
P3845-05	PT-BN-WP	Water	2-Methylnaphthalene	68.700	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Acenaphthene	17.800	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Acenaphthylene	130.000	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Anthracene	100.000	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Benzo(a)pyrene	70.200	E	0.06	0.1	ug/L
P3845-05	PT-BN-WP	Water	Benzo(b)fluoranthene	45.000	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Benzo(g,h,i)perylene	54.000	E	0.04	0.1	ug/L
P3845-05	PT-BN-WP	Water	Benzo(k)fluoranthene	60.100	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	bis(2-Chloroethyl)ether	100.000	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Bis(2-ethylhexyl)phthalate	130.000	E	0.14	0.2	ug/L
P3845-05	PT-BN-WP	Water	Chrysene	88.000	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Dibenzo(a,h)anthracene	66.800	E	0.04	0.1	ug/L
P3845-05	PT-BN-WP	Water	Fluorene	120.000	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Hexachlorobenzene	130.000	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Hexachlorobutadiene	57.100	E	0.03	0.1	ug/L
P3845-05	PT-BN-WP	Water	Indeno(1,2,3-cd)pyrene	73.500	E	0.04	0.1	ug/L
P3845-05	PT-BN-WP	Water	n-Nitrosodimethylamine	99.500	E	0.03	0.2	ug/L
P3845-05	PT-BN-WP	Water	Naphthalene	100.000	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Pyrene	28.300	E	0.02	0.1	ug/L
P3845-05	PT-BN-WP	Water	Total PAH	953.000	E	0.45	1.6	ug/L
			Total Svoc :	**2,492.00**				
			Total Concentration:	**2,492.00**				
Client ID : PT-BN-WPDL								
P3845-05DL	PT-BN-WPDL	Water	2-Methylnaphthalene	93.300	D	1.5	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Acenaphthene	20.700	D	1	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Acenaphthylene	160.000	D	1.1	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Anthracene	140.000	D	1.2	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Benzo(a)pyrene	84.900	D	2.8	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Benzo(b)fluoranthene	51.000	D	1.6	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Benzo(g,h,i)perylene	77.000	D	1.9	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Benzo(k)fluoranthene	79.600	D	1.7	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	bis(2-Chloroethyl)ether	130.000	D	1.4	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Bis(2-ethylhexyl)phthalate	110.000	D	7	10	ug/L
P3845-05DL	PT-BN-WPDL	Water	Chrysene	150.000	D	1.3	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Dibenzo(a,h)anthracene	98.900	D	2	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Fluorene	190.000	D	0.9	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Hexachlorobenzene	150.000	D	1.5	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN091924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3845-05DL	PT-BN-WPDL	Water	Hexachlorobutadiene	73.800	D	1.3	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Indeno(1,2,3-cd)pyrene	110.000	D	1.9	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	n-Nitrosodimethylamine	120.000	D	1.5	10	ug/L
P3845-05DL	PT-BN-WPDL	Water	Naphthalene	150.000	D	1.2	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Pyrene	32.500	D	1.1	5	ug/L
P3845-05DL	PT-BN-WPDL	Water	Total PAH	1,344.000	D	23	80	ug/L
			Total Svoc :	**3,365.70**				
			Total Concentration:	**3,365.70**				
Client ID :	**PT-ACIDS-WP**							
P3845-08	PT-ACIDS-WP	Water	4,6-Dinitro-2-methylphenol	270.000	E	0.14	0.2	ug/L
P3845-08	PT-ACIDS-WP	Water	Pentachlorophenol	95.400	E	0.09	0.2	ug/L
			Total Svoc :	**365.40**				
			Total Concentration:	**365.40**				
Client ID :	**PT-ACIDS-WPDL**							
P3845-08DL	PT-ACIDS-WPDL	Water	4,6-Dinitro-2-methylphenol	220.000	ED	0.7	1	ug/L
P3845-08DL	PT-ACIDS-WPDL	Water	Pentachlorophenol	77.500	ED	0.45	1	ug/L
			Total Svoc :	**297.50**				
			Total Concentration:	**297.50**				
Client ID :	**PT-ACIDS-WPDL2**							
P3845-08DL2	PT-ACIDS-WPDL2	Water	4,6-Dinitro-2-methylphenol	130.000	D	7	10	ug/L
P3845-08DL2	PT-ACIDS-WPDL2	Water	Pentachlorophenol	49.500	D	4.5	10	ug/L
			Total Svoc :	**179.50**				
			Total Concentration:	**179.50**				
Client ID :	**RR-PAH-WP**							
P3845-21	RR-PAH-WP	Water	2-Methylnaphthalene	2.700		0.03	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Acenaphthene	8.700	E	0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Acenaphthylene	14.500	E	0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Anthracene	4.500		0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Benzo(a)anthracene	0.640		0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Benzo(a)pyrene	2.400		0.06	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Benzo(b)fluoranthene	4.400		0.03	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Benzo(g,h,i)perylene	1.300		0.04	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Benzo(k)fluoranthene	2.400		0.03	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Chrysene	1.000		0.03	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Dibenzo(a,h)anthracene	4.300		0.04	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Fluoranthene	4.700		0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Fluorene	7.300	E	0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Indeno(1,2,3-cd)pyrene	4.400		0.04	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Naphthalene	7.800	E	0.02	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN091924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3845-21	RR-PAH-WP	Water	Phenanthrene	4.800		0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Pyrene	3.000		0.02	0.1	ug/L
P3845-21	RR-PAH-WP	Water	Total PAH	76.100	E	0.45	1.6	ug/L
			Total Svoc :	**154.94**				
			Total Concentration:	**154.94**				
Client ID :	**RR-PAH-WPDL**							
P3845-21DL	RR-PAH-WPDL	Water	2-Methylnaphthalene	2.800	D	0.3	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Acenaphthene	7.600	D	0.2	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Acenaphthylene	13.300	D	0.21	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Anthracene	3.400	D	0.24	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Benzo(a)anthracene	0.630	JD	0.22	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Benzo(a)pyrene	1.800	D	0.56	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Benzo(b)fluoranthene	3.200	D	0.32	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Benzo(g,h,i)perylene	1.000	D	0.37	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Benzo(k)fluoranthene	1.900	D	0.34	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Chrysene	0.840	JD	0.26	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Dibenzo(a,h)anthracene	3.300	D	0.39	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Fluoranthene	3.800	D	0.23	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Fluorene	6.700	D	0.18	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Indeno(1,2,3-cd)pyrene	3.400	D	0.38	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Naphthalene	7.500	D	0.24	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Phenanthrene	3.700	D	0.2	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Pyrene	2.300	D	0.22	1	ug/L
P3845-21DL	RR-PAH-WPDL	Water	Total PAH	64.400	D	4.56	16	ug/L
			Total Svoc :	**131.57**				
			Total Concentration:	**131.57**				
Client ID :	**BPOW6-8-HYD-20240910**							
P3970-03	BPOW6-8-HYD-2024091	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.21	ug/L
			Total Svoc :	**0.15**				
			Total Concentration:	**0.15**				
Client ID :	**RW7-SP100-20240911**							
P3972-01	RW7-SP100-20240911	Water	1,4-Dioxane	3.400		0.07	0.2	ug/L
P3972-01	RW7-SP100-20240911	Water	bis(2-Chloroethyl)ether	0.030	J	0.03	0.1	ug/L
			Total Svoc :	**3.43**				
			Total Concentration:	**3.43**				
Client ID :	**RW7-SP201-20240911**							
P3972-02	RW7-SP201-20240911	Water	Benzo(a)anthracene	0.020	J	0.02	0.1	ug/L
P3972-02	RW7-SP201-20240911	Water	Fluoranthene	0.040	J	0.02	0.1	ug/L
P3972-02	RW7-SP201-20240911	Water	Phenanthrene	0.050	J	0.02	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN091924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3972-02	RW7-SP201-20240911	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.14**				
			Total Concentration:	**0.14**				
Client ID :	**RW7-SP303-20240911**							
P3972-04	RW7-SP303-20240911	Water	1,4-Dioxane	0.130	J	0.07	0.2	ug/L
P3972-04	RW7-SP303-20240911	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
			Total Svoc :	**0.28**				
			Total Concentration:	**0.28**				
Client ID :	**ICVBN091924**							
SSTDICV0.4	ICVBN091924	Water	1,4-Dioxane	420.000		68	200	ug/L
SSTDICV0.4	ICVBN091924	Water	2-Methylnaphthalene	370.000		30	100	ug/L
SSTDICV0.4	ICVBN091924	Water	4,6-Dinitro-2-methylphenol	370.000		140	200	ug/L
SSTDICV0.4	ICVBN091924	Water	4-Bromophenyl-phenylether	390.000		26	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Acenaphthene	400.000		20	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Acenaphthylene	370.000		21	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Anthracene	360.000		24	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Atrazine	370.000		23	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Benzo(a)anthracene	370.000		22	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Benzo(a)pyrene	390.000		56	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Benzo(b)fluoranthene	390.000		32	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Benzo(g,h,i)perylene	410.000		37	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Benzo(k)fluoranthene	410.000		34	100	ug/L
SSTDICV0.4	ICVBN091924	Water	bis(2-Chloroethyl)ether	380.000		28	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Bis(2-ethylhexyl)phthalate	370.000		140	200	ug/L
SSTDICV0.4	ICVBN091924	Water	Chrysene	400.000		26	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Dibenzo(a,h)anthracene	400.000		39	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Fluoranthene	350.000		23	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Fluorene	380.000		18	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Hexachlorobenzene	420.000		29	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Hexachlorobutadiene	410.000		26	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Indeno(1,2,3-cd)pyrene	400.000		38	100	ug/L
SSTDICV0.4	ICVBN091924	Water	n-Nitrosodimethylamine	400.000		30	200	ug/L
SSTDICV0.4	ICVBN091924	Water	Naphthalene	390.000		24	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Pentachlorophenol	390.000		90	200	ug/L
SSTDICV0.4	ICVBN091924	Water	Phenanthrene	390.000		20	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Pyrene	450.000		22	100	ug/L
SSTDICV0.4	ICVBN091924	Water	Total PAH	6,260.000		456	1600	ug/L
			Total Svoc :	**16,810.00**				
			Total Concentration:	**16,810.00**				

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Hit Summary Sheet
SW-846

SDG No.: BN091924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: Calibration Date(s): 9/18/2024

Calibration Time(s): 11:53

LAB FILE ID: RRF0.1 = BN034033.D RRF0.2 = BN034034.D RRF0.4 = BN034035.D
RRF0.8 = BN034036.D RRF1.6 = BN034037.D RRF3.2 = BN034038.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.568	0.554	0.560	0.631	0.627	0.585	0.591	5.4
Fluoranthene-d10	0.965	0.947	0.953	1.059	1.054	1.013	1.009	5.3
n-Nitrosodimethylamine	0.531	0.571	0.550	0.613	0.606	0.560	0.569	5.3
2-Fluorophenol	1.201	1.157	1.069	1.203	1.148	1.080	1.135	5.0
Phenol-d6	1.239	1.215	1.189	1.406	1.401	1.371	1.320	7.7
bis(2-Chloroethyl)ether	1.156	1.095	1.106	1.276	1.223	1.159	1.168	5.4
Nitrobenzene-d5	0.270	0.269	0.280	0.331	0.336	0.321	0.306	10.3
Naphthalene	1.092	1.062	1.056	1.171	1.149	1.068	1.098	4.1
Hexachlorobutadiene	0.216	0.208	0.204	0.219	0.213	0.192	0.207	4.9
2-Methylnaphthalene	0.680	0.671	0.678	0.763	0.759	0.713	0.714	5.5
2-Fluorobiphenyl	1.629	1.576	1.574	1.722	1.693	1.597	1.627	3.6
Acenaphthylene	1.530	1.512	1.537	1.804	1.846	1.838	1.712	10.4
Acenaphthene	1.206	1.182	1.175	1.298	1.272	1.224	1.228	3.7
Fluorene	1.582	1.538	1.528	1.704	1.690	1.618	1.612	4.2
4,6-Dinitro-2-methylphenol		0.042	0.046	0.061	0.065	0.072	0.057	21.9
2,4,6-Tribromophenol	0.162	0.156	0.155	0.187	0.192	0.197	0.181	13.5
4-Bromophenyl-phenylether	0.218	0.210	0.213	0.236	0.236	0.225	0.225	5.0
Hexachlorobenzene	0.250	0.246	0.248	0.259	0.263	0.246	0.252	2.6
Atrazine	0.175	0.170	0.170	0.198	0.197	0.192	0.186	7.5
Pentachlorophenol	0.078	0.065	0.070	0.088	0.095	0.105	0.083	18.3
Phenanthrene	1.153	1.090	1.107	1.196	1.191	1.129	1.149	3.6
Anthracene	0.817	0.826	0.843	0.985	1.008	1.011	0.937	11.2
Fluoranthene	1.249	1.226	1.258	1.405	1.414	1.359	1.331	6.3
Pyrene	1.720	1.641	1.691	1.763	1.713	1.620	1.688	2.9
Terphenyl-d14	0.810	0.767	0.794	0.842	0.821	0.767	0.799	3.5
Benzo(a)anthracene	1.227	1.187	1.178	1.343	1.303	1.272	1.265	5.6
Chrysene	1.487	1.410	1.529	1.610	1.559	1.464	1.510	4.3
Bis(2-ethylhexyl)phthalate		0.628	0.550	0.498	0.457	0.485	0.527	11.6
Benzo(b)fluoranthene	1.427	1.415	1.453	1.625	1.695	1.657	1.567	8.3
Benzo(k)fluoranthene	1.514	1.538	1.626	1.746	1.760	1.628	1.645	5.9
Benzo(a)pyrene	1.167	1.122	1.197	1.335	1.369	1.340	1.277	8.8
Indeno(1,2,3-cd)pyrene	1.594	1.543	1.765	1.863	1.772	1.717	1.714	6.4
Dibenzo(a,h)anthracene	1.212	1.185	1.352	1.458	1.390	1.355	1.331	7.4
Benzo(g,h,i)perylene	1.446	1.408	1.505	1.608	1.534	1.477	1.495	4.3
1,4-Dioxane	0.558	0.536	0.503	0.503	0.488	0.468	0.500	7.7

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.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 18:01

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	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
01	ICVBN091924	7441	7.44	20648	10.19	10842	14.08
02	PB163341BL	7257	7.44	18819	10.20	9563	14.08
03	PT-ACIDS-WP	7056	7.44	21248	10.19	11207	14.08
04	PT-ACIDS-WPDL	7922	7.44	22980	10.19	11429	14.08
05	RR-PAH-WP	5896	7.44	16928	10.19	9264	14.08
06	PB163341BL	7708	7.44	19759	10.20	10160	14.08
07	PT-ACIDS-WPDL2	7953	7.44	22663	10.19	12115	14.08
08	RR-PAH-WPDL	5064	7.43	22842	10.19	14470	14.08
09	PT-BN-WP	8708	7.43	27951	10.19	16309	14.08
10	PT-BN-WPDL	7820	7.43	23087	10.19	14195	14.08
11	PB163341BS	8638	7.43	24792	10.19	13364	14.08
12	PB163341BSD	6385	7.44	18900	10.19	7692	14.08
13	BPOW6-8-HYD-20240910	6080	7.44	17348	10.19	6888	14.08
14	RW7-SP100-20240911	5666	7.44	15607	10.19	9040	14.08
15	RW7-SP201-20240911	5408	7.44	12034	10.19	6888	14.08
16	RW7-SP303-20240911	3991	7.44	11181	10.19	6723	14.08

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 19:28

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	6856	7.437	19411	10.20	11055	14.08
UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 18:01

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	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
01	ICVBN091924	7441	7.44	20648	10.19	10842	14.08
02	PB163341BL	7257	7.44	18819	10.20	9563	14.08
03	PT-ACIDS-WP	7056	7.44	21248	10.19	11207	14.08
04	PT-ACIDS-WPDL	7922	7.44	22980	10.19	11429	14.08
05	RR-PAH-WP	5896	7.44	16928	10.19	9264	14.08

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.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BN034046.D Time Analyzed: 10:09

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	7320	7.438	21524	10.19	11978	14.08
	UPPER LIMIT	14640	7.938	43048	10.691	23956	14.583
	LOWER LIMIT	3660	6.938	10762	9.691	5989	13.583
	EPA SAMPLE NO.						
01	PB163341BL	7708	7.44	19759	10.20	10160	14.08
02	PT-ACIDS-WPDL2	7953	7.44	22663	10.19	12115	14.08
03	RR-PAH-WPDL	5064	7.43	22842	10.19	14470	14.08
04	PT-BN-WP	8708	7.43	27951	10.19	16309	14.08
05	PT-BN-WPDL	7820	7.43	23087	10.19	14195	14.08
06	PB163341BS	8638	7.43	24792	10.19	13364	14.08
07	PB163341BSD	6385	7.44	18900	10.19	7692	14.08
08	BPOW6-8-HYD-20240910	6080	7.44	17348	10.19	6888	14.08
09	RW7-SP100-20240911	5666	7.44	15607	10.19	9040	14.08
10	RW7-SP201-20240911	5408	7.44	12034	10.19	6888	14.08
11	RW7-SP303-20240911	3991	7.44	11181	10.19	6723	14.08

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 18:01

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	24256	16.842	18497	21.059	19466	23.186
	UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
	LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
	EPA SAMPLE NO.						
01	ICVBN091924	21730	16.83	13486	21.06	12946	23.19
02	PB163341BL	20045	16.85	12322	21.06	9995	23.19
03	PT-ACIDS-WP	24877	16.84	16205	21.06	15627	23.19
04	PT-ACIDS-WPDL	23143	16.84	13266	21.06	12271	23.19
05	RR-PAH-WP	20315	16.84	14604	21.06	12953	23.19
06	PB163341BL	21734	16.85	14035	21.06	11710	23.19
07	PT-ACIDS-WPDL2	27146	16.83	21019	21.06	22022	23.19
08	RR-PAH-WPDL	42455	16.83	35048	21.06	35046	23.19
09	PT-BN-WP	36587	16.83	29264	21.07	24456	23.20
10	PT-BN-WPDL	31128	16.83	25511	21.06	25402	23.20
11	PB163341BS	22485	16.83	18706	21.06	24163	23.19
12	PB163341BSD	17049	16.83	13235	21.06	12101	23.19
13	BPOW6-8-HYD-20240910	16089	16.83	13143	21.06	11902	23.19
14	RW7-SP100-20240911	20719	16.83	11369	21.06	10239	23.19
15	RW7-SP201-20240911	15647	16.83	11803	21.06	11557	23.19
16	RW7-SP303-20240911	14890	16.84	11449	21.06	9854	23.19

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 19:28

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	24256	16.842	18497	21.059	19466	23.186
UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 18:01

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	24256	16.842	18497	21.059	19466	23.186
	UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
	LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
	EPA SAMPLE NO.						
01	ICVBN091924	21730	16.83	13486	21.06	12946	23.19
02	PB163341BL	20045	16.85	12322	21.06	9995	23.19
03	PT-ACIDS-WP	24877	16.84	16205	21.06	15627	23.19
04	PT-ACIDS-WPDL	23143	16.84	13266	21.06	12271	23.19
05	RR-PAH-WP	20315	16.84	14604	21.06	12953	23.19

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.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BN034046.D Time Analyzed: 10:09

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	26692	16.833	20522	21.062	20864		23.189
	UPPER LIMIT	53384	17.333	41044	21.562	41728		23.689
	LOWER LIMIT	13346	16.333	10261	20.562	10432		22.689
	EPA SAMPLE NO.							
01	PB163341BL	21734	16.85	14035	21.06	11710		23.19
02	PT-ACIDS-WPDL2	27146	16.83	21019	21.06	22022		23.19
03	RR-PAH-WPDL	42455	16.83	35048	21.06	35046		23.19
04	PT-BN-WP	36587	16.83	29264	21.07	24456		23.20
05	PT-BN-WPDL	31128	16.83	25511	21.06	25402		23.20
06	PB163341BS	22485	16.83	18706	21.06	24163		23.19
07	PB163341BSD	17049	16.83	13235	21.06	12101		23.19
08	BPOW6-8-HYD-20240910	16089	16.83	13143	21.06	11902		23.19
09	RW7-SP100-20240911	20719	16.83	11369	21.06	10239	*	23.19
10	RW7-SP201-20240911	15647	16.83	11803	21.06	11557		23.19
11	RW7-SP303-20240911	14890	16.84	11449	21.06	9854	*	23.19

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.: BN091924

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163341BS	n-Nitrosodimethylamine	0.4	0.4	ug/L	100				33	130	
	bis(2-Chloroethyl)ether	0.4	0.43	ug/L	108				55	118	
	Naphthalene	0.4	0.41	ug/L	103				67	120	
	Hexachlorobutadiene	0.4	0.41	ug/L	103				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	6.21	ug/L	97				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.43	ug/L	108				20	150	
	4-Bromophenyl-phenylether	0.4	0.49	ug/L	123				20	150	
	Hexachlorobenzene	0.4	0.51	ug/L	128		*		62	127	
	Atrazine	0.4	0.48	ug/L	120				20	150	
	Pentachlorophenol	0.8	0.31	ug/L	39				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Anthracene	0.4	0.39	ug/L	98				57	118	
	Fluoranthene	0.4	0.54	ug/L	135		*		53	126	
	Pyrene	0.4	0.52	ug/L	130		*		54	124	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				54	130	
	Chrysene	0.4	0.38	ug/L	95				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.44	ug/L	110				40	137	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				65	121	
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				72	119	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.27	ug/L	68		*		70	127	
	Dibenz(a,h)anthracene	0.4	0.27	ug/L	68				65	121	
	Benzo(g,h,i)perylene	0.4	0.27	ug/L	68		*		76	117	
	1,4-Dioxane	0.4	0.4	ug/L	100				42	127	
PB163341BSD	n-Nitrosodimethylamine	0.4	0.4	ug/L	100	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98	10			55	118	20
	Naphthalene	0.4	0.39	ug/L	98	5			67	120	20
	Hexachlorobutadiene	0.4	0.39	ug/L	98	5			33	114	20
	2-Methylnaphthalene	0.4	0.37	ug/L	93	5			50	122	20
	Acenaphthylene	0.4	0.37	ug/L	93	8			60	119	20
	Acenaphthene	0.4	0.38	ug/L	95	5			65	119	20
	Total PAH	6.4	5.86	ug/L	92	6			65	119	20
	Fluorene	0.4	0.38	ug/L	95	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.35	ug/L	88	21		*	20	150	20
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93	28		*	20	150	20
	Hexachlorobenzene	0.4	0.42	ug/L	105	19			62	127	20
	Atrazine	0.4	0.34	ug/L	85	34		*	20	150	20
	Pentachlorophenol	0.8	0.28	ug/L	35	10			10	137	20
	Phenanthrene	0.4	0.37	ug/L	93	5			65	117	20
	Anthracene	0.4	0.37	ug/L	93	5			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091924

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163341BSD	Fluoranthene	0.4	0.37	ug/L	93	37		*	53	126	20
	Pyrene	0.4	0.38	ug/L	95	31		*	54	124	20
	Benzo(a)anthracene	0.4	0.37	ug/L	93	5			54	130	20
	Chrysene	0.4	0.38	ug/L	95	0			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.37	ug/L	93	17			40	137	20
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93	5			65	121	20
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98	5			72	119	20
	Benzo(a)pyrene	0.4	0.37	ug/L	93	8			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.32	ug/L	80	17			70	127	20
	Dibenz(a,h)anthracene	0.4	0.32	ug/L	80	17			65	121	20
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83	20			76	117	20
	1,4-Dioxane	0.4	0.28	ug/L	70	35		*	42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ICVBN091924

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

Lab File ID: BN034040.D Lab Sample ID: SSTDICV0.4

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 09/18/2024

Level: (low/med) LOW Time Analyzed: 18:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ICVBN091924	SSTDICV0.4	BN034040.D	09/18/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163341BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG NO.: BN091924

Lab File ID: BN034041.D Lab Sample ID: PB163341BL

Instrument ID: BNA_N Date Extracted: 09/12/2024

Matrix: (soil/water) Water Date Analyzed: 09/18/2024

Level: (low/med) LOW Time Analyzed: 18:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PT-BN-WP	P3845-05	BN034050.D	09/19/2024
PB163341BS	PB163341BS	BN034052.D	09/19/2024
PB163341BSD	PB163341BSD	BN034053.D	09/19/2024
BPOW6-8-HYD-20240910	P3970-03	BN034054.D	09/19/2024
RW7-SP100-20240911	P3972-01	BN034055.D	09/19/2024
RW7-SP201-20240911	P3972-02	BN034056.D	09/19/2024
RW7-SP303-20240911	P3972-04	BN034057.D	09/19/2024
PT-ACIDS-WP	P3845-08	BN034042.D	09/18/2024
RR-PAH-WP	P3845-21	BN034044.D	09/18/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN091924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDICV0.4	ICVBN091924	BN034040.D	2-Methylnaphthalene-d10	0.4	370.00	92500	*	20	139
			Fluoranthene-d10	0.4	350.00	87500	*	30	150
			2-Fluorophenol	0.4	442.00	110500	*	10	100
			Phenol-d6	0.4	406.00	101500	*	10	100
			Nitrobenzene-d5	0.4	357.00	89250	*	27	123
			2-Fluorobiphenyl	0.4	405.00	101250	*	34	132
			2,4,6-Tribromophenol	0.4	377.00	94250	*	10	131
			Terphenyl-d14	0.4	415.00	103750	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN091924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3845-05	PT-BN-WP	BN034050.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	122.04	30511	*	10	100
			Phenol-d6	0.4	143.58	35895	*	10	100
			Nitrobenzene-d5	0.4	101.06	25264	*	27	123
			2-Fluorobiphenyl	0.4	75.20	18800	*	34	132
			2,4,6-Tribromophenol	0.4	157.69	39423	*	10	131
			Terphenyl-d14	0.4	84.92	21231	*	35	157
P3845-05DL	PT-BN-WPDL	BN034051.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	135.60	33900	*	10	100
			Phenol-d6	0.4	137.20	34300	*	10	100
			Nitrobenzene-d5	0.4	100.80	25200	*	27	123
			2-Fluorobiphenyl	0.4	101.25	25313	*	34	132
			2,4,6-Tribromophenol	0.4	121.70	30425	*	10	131
			Terphenyl-d14	0.4	127.20	31800	*	35	157
P3845-08	PT-ACIDS-WP	BN034042.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.01	1	*	30	150
			2-Fluorophenol	0.4	148.38	37095	*	10	100
			Phenol-d6	0.4	172.94	43236	*	10	100
			Nitrobenzene-d5	0.4	123.77	30941	*	27	123
			2-Fluorobiphenyl	0.4	98.36	24589	*	34	132
			2,4,6-Tribromophenol	0.4	233.31	58327	*	10	131
			Terphenyl-d14	0.4	116.39	29097	*	35	157
P3845-08DL	PT-ACIDS-WPDL	BN034043.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.01	1	*	30	150
			2-Fluorophenol	0.4	160.59	40146	*	10	100
			Phenol-d6	0.4	180.17	45042	*	10	100
			Nitrobenzene-d5	0.4	130.78	32695	*	27	123
			2-Fluorobiphenyl	0.4	117.61	29402	*	34	132
			2,4,6-Tribromophenol	0.4	216.47	54117	*	10	131
			Terphenyl-d14	0.4	152.00	37999	*	35	157
P3845-08DL2	PT-ACIDS-WPDL2	BN034048.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	146.05	36513	*	10	100
			Phenol-d6	0.4	154.15	38537	*	10	100
			Nitrobenzene-d5	0.4	112.00	28000	*	27	123
			2-Fluorobiphenyl	0.4	119.15	29788	*	34	132
			2,4,6-Tribromophenol	0.4	168.20	42050	*	10	131
			Terphenyl-d14	0.4	128.80	32200	*	35	157
P3845-21	RR-PAH-WP	BN034044.D	2-Methylnaphthalene-d10	0.4	0.41	102		20	139
			Fluoranthene-d10	0.4	0.43	106		30	150
			2-Fluorophenol	0.4	0.42	105	*	10	100
			Phenol-d6	0.4	0.32	81		10	100
			Nitrobenzene-d5	0.4	0.35	87		27	123
			2-Fluorobiphenyl	0.4	0.43	106		34	132
			2,4,6-Tribromophenol	0.4	0.19	48		10	131
			Terphenyl-d14	0.4	0.47	116		35	157
P3845-21DL	RR-PAH-WPDL	BN034049.D	2-Methylnaphthalene-d10	0.4	0.43	108		20	139

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Surrogate Summary

SW-846

SDG No.: BN091924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3845-21DL	RR-PAH-WPDL	BN034049.D	Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.52	130	*	10	100
			Phenol-d6	0.4	0.53	132	*	10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.42	105		34	132
			2,4,6-Tribromophenol	0.4	0.45	113		10	131
			Terphenyl-d14	0.4	0.53	132		35	157
P3970-03	BPOW6-8-HYD-20	BN034054.D	2-Methylnaphthalene-d10	0.4	0.04	9	*	20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.04	9	*	10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.33	82		10	131
			Terphenyl-d14	0.4	0.47	118		35	157
P3972-01	RW7-SP100-20240	BN034055.D	2-Methylnaphthalene-d10	0.4	0.31	76		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
			2-Fluorophenol	0.4	0.06	16		10	100
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.31	79		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.66	165	*	35	157
P3972-02	RW7-SP201-20240	BN034056.D	2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.09	22		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.33	83		10	131
			Terphenyl-d14	0.4	0.51	127		35	157
P3972-04	RW7-SP303-20240	BN034057.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.48	120		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.29	74		34	132
			2,4,6-Tribromophenol	0.4	0.30	75		10	131
			Terphenyl-d14	0.4	0.57	142		35	157
PB163341BL	PB163341BL	BN034047.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
		BN034041.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.37	92		30	150
		BN034047.D	Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.33	83		10	100
		BN034041.D	2-Fluorophenol	0.4	0.33	82		10	100
			Phenol-d6	0.4	0.25	62		10	100
		BN034047.D	Phenol-d6	0.4	0.26	65		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
		BN034041.D	Nitrobenzene-d5	0.4	0.29	72		27	123

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Surrogate Summary

SW-846

SDG No.: BN091924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163341BL	PB163341BL	BN034041.D	2-Fluorobiphenyl	0.4	0.35	88		34	132
		BN034047.D	2-Fluorobiphenyl	0.4	0.35	86		34	132
		BN034041.D	2,4,6-Tribromophenol	0.4	0.13	32		10	131
		BN034047.D	2,4,6-Tribromophenol	0.4	0.12	30		10	131
		BN034041.D	Terphenyl-d14	0.4	0.44	111		35	157
		BN034047.D	Terphenyl-d14	0.4	0.44	109		35	157
PB163341BS	PB163341BS	BN034052.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.55	137		30	150
			2-Fluorophenol	0.4	0.41	102	*	10	100
			Phenol-d6	0.4	0.40	101	*	10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.41	103		34	132
			2,4,6-Tribromophenol	0.4	0.38	95		10	131
			Terphenyl-d14	0.4	0.55	137		35	157
PB163341BSD	PB163341BSD	BN034053.D	2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.33	83		10	100
			Phenol-d6	0.4	0.32	79		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.50	126		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.38	94		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN091924

Lab Code: CHEM SAS No.: BN091924 SDG NO.: BN091924

Lab File ID: BN034032.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.2
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	43.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.6
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	7
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	9.4
442	Greater than 50% of mass 198	65
443	15.0 - 24.0% of mass 442	12.1 (18.7) 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
SSTDICC0.1	SSTDICC0.1	BN034033.D	09/18/2024	11:53
SSTDICC0.2	SSTDICC0.2	BN034034.D	09/18/2024	12:29
SSTDICCC0.4	SSTDICCC0.4	BN034035.D	09/18/2024	13:05
SSTDICC0.8	SSTDICC0.8	BN034036.D	09/18/2024	13:41
SSTDICC1.6	SSTDICC1.6	BN034037.D	09/18/2024	14:17
SSTDICC3.2	SSTDICC3.2	BN034038.D	09/18/2024	14:54
SSTDICC5.0	SSTDICC5.0	BN034039.D	09/18/2024	15:30
ICVBN091924	SSTDICV0.4	BN034040.D	09/18/2024	18:01
PB163341BL	PB163341BL	BN034041.D	09/18/2024	18:37
PT-ACIDS-WP	P3845-08	BN034042.D	09/18/2024	19:13
PT-ACIDS-WPDL	P3845-08DL	BN034043.D	09/18/2024	19:49
RR-PAH-WP	P3845-21	BN034044.D	09/18/2024	20:26

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN091924

Lab Code: CHEM SAS No.: BN091924 SDG NO.: BN091924

Lab File ID: BN034045.D DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	76.9
443	15.0 - 24.0% of mass 442	14.7 (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	BN034046.D	09/19/2024	09:33
PB163341BL	PB163341BL	BN034047.D	09/19/2024	10:09
PT-ACIDS-WPDL2	P3845-08DL2	BN034048.D	09/19/2024	11:22
RR-PAH-WPDL	P3845-21DL	BN034049.D	09/19/2024	13:22
PT-BN-WP	P3845-05	BN034050.D	09/19/2024	14:33
PT-BN-WPDL	P3845-05DL	BN034051.D	09/19/2024	15:31
PB163341BS	PB163341BS	BN034052.D	09/19/2024	16:27
PB163341BSD	PB163341BSD	BN034053.D	09/19/2024	17:03
BPOW6-8-HYD-20240910	P3970-03	BN034054.D	09/19/2024	17:40
RW7-SP100-20240911	P3972-01	BN034055.D	09/19/2024	18:15
RW7-SP201-20240911	P3972-02	BN034056.D	09/19/2024	18:52
RW7-SP303-20240911	P3972-04	BN034057.D	09/19/2024	19:28
SSTDCCC0.4EC	SSTDCCC0.4	BN034058.D	09/19/2024	20:04