284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG No.: BN102424

Instrument ID: BNA_N Calibration Date/Time: 10/24/2024 19:06

Lab File ID: BN034699.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	0.550	0.482		-12.364	50.0
Fluoranthene-d10	0.901	0.776		-13.873	50.0
n-Nitrosodimethylamine	0.775	0.719		-7.226	50.0
2-Fluorophenol	1.189	1.225		3.028	50.0
Phenol-d6	1.568	1.669		6.441	50.0
bis(2-Chloroethyl)ether	1.274	1.174		-7.849	50.0
Nitrobenzene-d5	0.336	0.294		-12.5	50.0
Naphthalene	1.107	0.997		-9.937	50.0
Hexachlorobutadiene	0.166	0.152		-8.434	50.0
2-Methylnaphthalene	0.687	0.602		-12.373	50.0
2-Fluorobiphenyl	1.590	1.420		-10.692	50.0
Acenaphthylene	1.921	1.594		-17.022	50.0
Acenaphthene	1.324	1.115		-15.785	50.0
Fluorene	1.634	1.331		-18.543	50.0
4,6-Dinitro-2-methylphenol	0.056	0.046		-17.857	50.0
2,4,6-Tribromophenol	0.124	0.099		-20.161	50.0
4-Bromophenyl-phenylether	0.213	0.187		-12.207	50.0
Hexachlorobenzene	0.231	0.207		-10.39	50.0
Atrazine	0.168	0.139		-17.262	50.0
Pentachlorophenol	0.082	0.065		-20.732	50.0
Phenanthrene	1.202	1.050		-12.646	50.0
Anthracene	1.067	0.898		-15.839	50.0
Fluoranthene	1.253	1.075		-14.206	50.0
Pyrene	2.055	1.774		-13.674	50.0
Terphenyl-d14	0.817	0.703		-13.953	50.0
Benzo(a)anthracene	1.528	1.363		-10.798	50.0
Chrysene	1.581	1.443		-8.729	50.0
Bis(2-ethylhexyl)phthalate	0.867	0.806		-7.036	50.0
Benzo(b)fluoranthene	1.597	1.427		-10.645	50.0
Benzo(k)fluoranthene	1.576	1.410		-10.533	50.0
Benzo(a)pyrene	1.282	1.143		-10.842	50.0
Indeno(1,2,3-cd)pyrene	1.541	1.449		-5.97	50.0
Dibenzo(a,h)anthracene	1.215	1.149		-5.432	50.0
Benzo(g,h,i)perylene	1.340	1.289		-3.806	50.0
1,4-Dioxane	0.532	0.488		-8.271	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.: BN102424 SAS No.: BN102424 SDG No.: BN102424

Instrument ID: BNA_N Calibration Date/Time: 10/24/2024 1 21:01

Lab File ID: BN034701.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	0.550	0.473		-14.0	20.0
Fluoranthene-d10	0.901	0.768		-14.761	20.0
n-Nitrosodimethylamine	0.775	0.735		-5.161	20.0
2-Fluorophenol	1.189	1.172		-1.43	20.0
Phenol-d6	1.568	1.616		3.061	20.0
bis(2-Chloroethyl)ether	1.274	1.161		-8.87	20.0
Nitrobenzene-d5	0.336	0.290		-13.69	20.0
Naphthalene	1.107	0.998		-9.846	20.0
Hexachlorobutadiene	0.166	0.150		-9.639	20.0
2-Methylnaphthalene	0.687	0.597		-13.1	20.0
2-Fluorobiphenyl	1.590	1.425		-10.377	20.0
Acenaphthylene	1.921	1.621		-15.617	20.0
Acenaphthene	1.324	1.119		-15.483	20.0
Fluorene	1.634	1.359		-16.83	20.0
4,6-Dinitro-2-methylphenol	0.056	0.043		-23.214	20.0
2,4,6-Tribromophenol	0.124	0.096		-22.581	20.0
4-Bromophenyl-phenylether	0.213	0.193		-9.39	20.0
Hexachlorobenzene	0.231	0.216		-6.494	20.0
Atrazine	0.168	0.130		-22.619	20.0
Pentachlorophenol	0.082	0.069		-15.854	20.0
Phenanthrene	1.202	1.080		-10.15	20.0
Anthracene	1.067	0.921		-13.683	20.0
Fluoranthene	1.253	1.076		-14.126	20.0
Pyrene	2.055	1.790		-12.895	20.0
Terphenyl-d14	0.817	0.690		-15.545	20.0
Benzo(a)anthracene	1.528	1.341		-12.238	20.0
Chrysene	1.581	1.462		-7.527	20.0
Bis(2-ethylhexyl)phthalate	0.867	0.775		-10.611	20.0
Benzo(b)fluoranthene	1.597	1.440		-9.831	20.0
Benzo(k)fluoranthene	1.576	1.427		-9.454	20.0
Benzo(a)pyrene	1.282	1.158		-9.672	20.0
Indeno(1,2,3-cd)pyrene	1.541	1.455		-5.581	20.0
Dibenzo(a,h)anthracene	1.215	1.145		-5.761	20.0
Benzo(g,h,i)perylene	1.340	1.305		-2.612	20.0
1,4-Dioxane	0.532	0.489		-8.083	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.: BN102424 SAS No.: BN102424 SDG No.: BN102424

Instrument ID: BNA_N Calibration Date/Time: 10/25/2024 1 07:51

Lab File ID: BN034719.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	0.550	0.486		-11.636	50.0
Fluoranthene-d10	0.901	0.942		4.55	50.0
n-Nitrosodimethylamine	0.775	0.699		-9.806	50.0
2-Fluorophenol	1.189	1.294		8.831	50.0
Phenol-d6	1.568	1.736		10.714	50.0
bis(2-Chloroethyl)ether	1.274	1.194		-6.279	50.0
Nitrobenzene-d5	0.336	0.300		-10.714	50.0
Naphthalene	1.107	1.020		-7.859	50.0
Hexachlorobutadiene	0.166	0.146		-12.048	50.0
2-Methylnaphthalene	0.687	0.614		-10.626	50.0
2-Fluorobiphenyl	1.590	1.367		-14.025	50.0
Acenaphthylene	1.921	1.624		-15.461	50.0
Acenaphthene	1.324	1.129		-14.728	50.0
Fluorene	1.634	1.383		-15.361	50.0
4,6-Dinitro-2-methylphenol	0.056	0.042		-25.0	50.0
2,4,6-Tribromophenol	0.124	0.113		-8.871	50.0
4-Bromophenyl-phenylether	0.213	0.186		-12.676	50.0
Hexachlorobenzene	0.231	0.192		-16.883	50.0
Atrazine	0.168	0.151		-10.119	50.0
Pentachlorophenol	0.082	0.074		-9.756	50.0
Phenanthrene	1.202	1.058		-11.98	50.0
Anthracene	1.067	0.981		-8.06	50.0
Fluoranthene	1.253	1.293		3.192	50.0
Pyrene	2.055	1.658		-19.319	50.0
Terphenyl-d14	0.817	0.696		-14.81	50.0
Benzo(a)anthracene	1.528	1.491		-2.421	50.0
Chrysene	1.581	1.403		-11.259	50.0
Bis(2-ethylhexyl)phthalate	0.867	1.220		40.715	50.0
Benzo(b)fluoranthene	1.597	1.343		-15.905	50.0
Benzo(k)fluoranthene	1.576	1.314		-16.624	50.0
Benzo(a)pyrene	1.282	1.193		-6.942	50.0
Indeno(1,2,3-cd)pyrene	1.541	1.451		-5.84	50.0
Dibenzo(a,h)anthracene	1.215	1.121		-7.737	50.0
Benzo(g,h,i)perylene	1.340	1.235		-7.836	50.0
1,4-Dioxane	0.532	0.475		-10.714	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.: BN102424 SAS No.: BN102424 SDG No.: BN102424

Instrument ID: BNA_N Calibration Date/Time: 10/24/2024 1 10:23

Lab File ID: BN034686.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	0.550	0.481		-12.545	20.0
Fluoranthene-d10	0.901	0.784		-12.986	20.0
n-Nitrosodimethylamine	0.775	0.704		-9.161	20.0
2-Fluorophenol	1.189	1.070		-10.008	20.0
Phenol-d6	1.568	1.386		-11.607	20.0
bis(2-Chloroethyl)ether	1.274	1.140		-10.518	20.0
Nitrobenzene-d5	0.336	0.294		-12.5	20.0
Naphthalene	1.107	0.987		-10.84	20.0
Hexachlorobutadiene	0.166	0.149		-10.241	20.0
2-Methylnaphthalene	0.687	0.600		-12.664	20.0
2-Fluorobiphenyl	1.590	1.379		-13.27	20.0
Acenaphthylene	1.921	1.581		-17.699	20.0
Acenaphthene	1.324	1.122		-15.257	20.0
Fluorene	1.634	1.388		-15.055	20.0
4,6-Dinitro-2-methylphenol	0.056	0.043		-23.214	20.0
2,4,6-Tribromophenol	0.124	0.096		-22.581	20.0
4-Bromophenyl-phenylether	0.213	0.190		-10.798	20.0
Hexachlorobenzene	0.231	0.211		-8.658	20.0
Atrazine	0.168	0.140		-16.667	20.0
Pentachlorophenol	0.082	0.064		-21.951	20.0
Phenanthrene	1.202	1.065		-11.398	20.0
Anthracene	1.067	0.931		-12.746	20.0
Fluoranthene	1.253	1.092		-12.849	20.0
Pyrene	2.055	1.880		-8.516	20.0
Terphenyl-d14	0.817	0.740		-9.425	20.0
Benzo(a)anthracene	1.528	1.373		-10.144	20.0
Chrysene	1.581	1.442		-8.792	20.0
Bis(2-ethylhexyl)phthalate	0.867	0.722		-16.724	20.0
Benzo(b)fluoranthene	1.597	1.481		-7.264	20.0
Benzo(k)fluoranthene	1.576	1.386		-12.056	20.0
Benzo(a)pyrene	1.282	1.157		-9.75	20.0
Indeno(1,2,3-cd)pyrene	1.541	1.418		-7.982	20.0
Dibenzo(a,h)anthracene	1.215	1.113		-8.395	20.0
Benzo(g,h,i)perylene	1.340	1.262		-5.821	20.0
1,4-Dioxane	0.532	0.485		-8.835	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN102424			SDG No.:	BN102424
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
BN034691.D	1		10/24/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	370		28	100	100	ug/L
91-20-3	Naphthalene	360		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	360		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	360		30	100	100	ug/L
208-96-8	Acenaphthylene	330		21	100	100	ug/L
83-32-9	Acenaphthene	340		20	100	100	ug/L
Total PAH	Total PAH	5630		456	100	1600	ug/L
86-73-7	Fluorene	340		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	320		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	350		26	100	100	ug/L
118-74-1	Hexachlorobenzene	360		29	100	100	ug/L
1912-24-9	Atrazine	330		23	100	100	ug/L
87-86-5	Pentachlorophenol	340		90	200	200	ug/L
85-01-8	Phenanthrene	360		20	100	100	ug/L
120-12-7	Anthracene	350		24	100	100	ug/L
206-44-0	Fluoranthene	350		23	100	100	ug/L
129-00-0	Pyrene	370		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	350		22	100	100	ug/L
218-01-9	Chrysene	360		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	320		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	360		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	350		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	360		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	350		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	350		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	350		37	100	100	ug/L
123-91-1	1,4-Dioxane	360		68	200	200	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN102424			SDG No.:	BN102424
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
BN034691.D	1		10/24/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	357	*	20-139		89250	SPK: -0.4
93951-69-0	Fluoranthene-d10	350	*	30-150		87500	SPK: -0.4
367-12-4	2-Fluorophenol	401	*	10-100		100250	SPK: -0.4
13127-88-3	Phenol-d6	396	*	10-100		99000	SPK: -0.4
4165-60-0	Nitrobenzene-d5	346	*	27-123		86500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	341	*	34-132		85250	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	343	*	10-131		85750	SPK: -0.4
1718-51-0	Terphenyl-d14	371	*	35-157		92750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6674	7.705				
1146-65-2	Naphthalene-d8	19848	10.479				
15067-26-2	Acenaphthene-d10	10372	14.329				
1517-22-2	Phenanthrene-d10	21015	17.069				
1719-03-5	Chrysene-d12	12401	21.25				
1520-96-3	Perylene-d12	10594	23.466				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BL			SDG No.:	BN102424
Lab Sample ID:	PB164229BL			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
BN034692.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

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:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BL			SDG No.:	BN102424
Lab Sample ID:	PB164229BL			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
BN034692.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.301		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.302		30-150		75	SPK: -0.4
367-12-4	2-Fluorophenol	0.274		10-100		68	SPK: -0.4
13127-88-3	Phenol-d6	0.262		10-100		65	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.307		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.32		34-132		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.215		10-131		54	SPK: -0.4
1718-51-0	Terphenyl-d14	0.344		35-157		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6659	7.712				
1146-65-2	Naphthalene-d8	18698	10.479				
15067-26-2	Acenaphthene-d10	8134	14.329				
1517-22-2	Phenanthrene-d10	15380	17.069				
1719-03-5	Chrysene-d12	8430	21.25				
1520-96-3	Perylene-d12	4222	23.466				

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Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20241016	SDG No.:	BN102424
Lab Sample ID:	P4428-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034693.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

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	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	4.7		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034693.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.25		20-139		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.301		30-150		75	SPK: -0.4
367-12-4	2-Fluorophenol	0.135		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.086		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.257		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.26		34-132		65	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.189		10-131		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.325		35-157		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5598	7.712				
1146-65-2	Naphthalene-d8	16265	10.479				
15067-26-2	Acenaphthene-d10	7521	14.325				
1517-22-2	Phenanthrene-d10	14308	17.064				
1719-03-5	Chrysene-d12	8901	21.248				
1520-96-3	Perylene-d12	8123	23.467				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BS			SDG No.:	BN102424
Lab Sample ID:	PB164229BS			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
BN034694.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.33		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.31		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.28		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	12.55		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.31		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.31		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.31		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	0.57		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.31		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.27		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.3		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.37		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.36		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	2.3		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.94		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.3		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.27		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BS			SDG No.:	BN102424
Lab Sample ID:	PB164229BS			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
BN034694.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.289		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.262		30-150		65	SPK: -0.4
367-12-4	2-Fluorophenol	0.263		10-100		66	SPK: -0.4
13127-88-3	Phenol-d6	0.255		10-100		64	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.297		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.322		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.226		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.422		35-157		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7746	7.712				
1146-65-2	Naphthalene-d8	21854	10.479				
15067-26-2	Acenaphthene-d10	9313	14.329				
1517-22-2	Phenanthrene-d10	17486	17.069				
1719-03-5	Chrysene-d12	7332	21.25				
1520-96-3	Perylene-d12	876	23.467				

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-03			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
BN034695.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

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

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-03			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
BN034695.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.315		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.36		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.1		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.323		27-123		81	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.341		34-132		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.245		10-131		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.36		35-157		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5914	7.712				
1146-65-2	Naphthalene-d8	16908	10.479				
15067-26-2	Acenaphthene-d10	7800	14.329				
1517-22-2	Phenanthrene-d10	14807	17.069				
1719-03-5	Chrysene-d12	9773	21.25				
1520-96-3	Perylene-d12	9243	23.467				

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-04			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
BN034696.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

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:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-04			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
BN034696.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.294		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.332		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.096		10-100		24	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.299		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.314		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.127		10-131		32	SPK: -0.4
1718-51-0	Terphenyl-d14	0.373		35-157		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6342	7.712				
1146-65-2	Naphthalene-d8	18201	10.479				
15067-26-2	Acenaphthene-d10	8400	14.329				
1517-22-2	Phenanthrene-d10	14880	17.069				
1719-03-5	Chrysene-d12	8915	21.25				
1520-96-3	Perylene-d12	8250	23.464				

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Report of Analysis

Client:				Date Collected:	10/18/2024 12:00:00 AM
Project:				Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-238-240			SDG No.:	BN102424
Lab Sample ID:	P4475-04			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
BN034697.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

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	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/18/2024 12:00:00 AM
Project:				Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-238-240			SDG No.:	BN102424
Lab Sample ID:	P4475-04			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
BN034697.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.297		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.378		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.098		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.302		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.32		34-132		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.27		10-131		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.463		35-157		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6066	7.712				
1146-65-2	Naphthalene-d8	17751	10.479				
15067-26-2	Acenaphthene-d10	8148	14.329				
1517-22-2	Phenanthrene-d10	14702	17.069				
1719-03-5	Chrysene-d12	9316	21.25				
1520-96-3	Perylene-d12	8560	23.466				

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-278-280			SDG No.:	BN102424
Lab Sample ID:	P4475-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034698.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.41		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-278-280			SDG No.:	BN102424
Lab Sample ID:	P4475-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034698.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.29		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.392		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.08		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.302		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.344		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.291		10-131		73	SPK: -0.4
1718-51-0	Terphenyl-d14	0.486		35-157		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5957	7.712				
1146-65-2	Naphthalene-d8	17174	10.479				
15067-26-2	Acenaphthene-d10	7846	14.329				
1517-22-2	Phenanthrene-d10	14328	17.069				
1719-03-5	Chrysene-d12	9271	21.25				
1520-96-3	Perylene-d12	8678	23.467				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BL			SDG No.:	BN102424
Lab Sample ID:	PB164230BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034702.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BL			SDG No.:	BN102424
Lab Sample ID:	PB164230BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034702.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.334		17-161		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.334		23-138		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.309		28-122		77	SPK: -0.4
13127-88-3	Phenol-d6	0.317		25-125		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.339		33-121		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.372		32-121		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.213		19-110		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.383		21-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6089	7.712				
1146-65-2	Naphthalene-d8	16910	10.479				
15067-26-2	Acenaphthene-d10	7332	14.329				
1517-22-2	Phenanthrene-d10	12991	17.069				
1719-03-5	Chrysene-d12	7046	21.241				
1520-96-3	Perylene-d12	6436	23.461				

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BL			SDG No.:	BN102424
Lab Sample ID:	PB164323BL			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
BN034703.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

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:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BL			SDG No.:	BN102424
Lab Sample ID:	PB164323BL			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
BN034703.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.332		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.345		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.306		10-100		76	SPK: -0.4
13127-88-3	Phenol-d6	0.315		10-100		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.343		27-123		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.371		34-132		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.215		10-131		54	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5922	7.712				
1146-65-2	Naphthalene-d8	16459	10.479				
15067-26-2	Acenaphthene-d10	7081	14.325				
1517-22-2	Phenanthrene-d10	12571	17.064				
1719-03-5	Chrysene-d12	6974	21.248				
1520-96-3	Perylene-d12	6412	23.461				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BSD			SDG No.:	BN102424
Lab Sample ID:	PB164229BSD			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
BN034704.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.38		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.34		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.77		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.31		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.35		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		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	0.6		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	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.37		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	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.38		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.78		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.71		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.59		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.67		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.76		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.63		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BSD			SDG No.:	BN102424
Lab Sample ID:	PB164229BSD			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
BN034704.D	1	10/17/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.49		20-139		123	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.316		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.294		10-100		74	SPK: -0.4
13127-88-3	Phenol-d6	0.29		10-100		72	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.325		27-123		81	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.354		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.225		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.388		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6487	7.712				
1146-65-2	Naphthalene-d8	18237	10.479				
15067-26-2	Acenaphthene-d10	7824	14.329				
1517-22-2	Phenanthrene-d10	14054	17.069				
1719-03-5	Chrysene-d12	7021	21.241				
1520-96-3	Perylene-d12	3135	23.458				

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BL			SDG No.:	BN102424
Lab Sample ID:	PB164282BL			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
BN034705.D	1	10/21/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164282

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:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BL			SDG No.:	BN102424
Lab Sample ID:	PB164282BL			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
BN034705.D	1	10/21/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.333		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.343		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.3		10-100		75	SPK: -0.4
13127-88-3	Phenol-d6	0.306		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.341		27-123		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.366		34-132		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.213		10-131		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6454	7.712				
1146-65-2	Naphthalene-d8	17746	10.479				
15067-26-2	Acenaphthene-d10	7655	14.329				
1517-22-2	Phenanthrene-d10	13670	17.069				
1719-03-5	Chrysene-d12	7475	21.241				
1520-96-3	Perylene-d12	6736	23.461				

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BS			SDG No.:	BN102424
Lab Sample ID:	PB164282BS			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
BN034706.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.36		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.35		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.02		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.32		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.32		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.52		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	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.36		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.39		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BS			SDG No.:	BN102424
Lab Sample ID:	PB164282BS			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
BN034706.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.498		20-139		125	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.335		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.301		10-100		75	SPK: -0.4
13127-88-3	Phenol-d6	0.309		10-100		77	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.337		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.362		34-132		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.241		10-131		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.364		35-157		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6277	7.712				
1146-65-2	Naphthalene-d8	17435	10.479				
15067-26-2	Acenaphthene-d10	7557	14.318				
1517-22-2	Phenanthrene-d10	13505	17.056				
1719-03-5	Chrysene-d12	7661	21.241				
1520-96-3	Perylene-d12	6455	23.461				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BS			SDG No.:	BN102424
Lab Sample ID:	PB164230BS			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034707.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	13.1		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	12.1		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	11.7		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	11.3		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11.3		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	11.1		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	11.7		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	280.2		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	11.6		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10.7		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	11.7		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	12.1		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	20.4		2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	12.3		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	11.7		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	10.7		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	12.1		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	12.6		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	13.8		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	12.9		1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	32.3		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	27.5		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	22.3		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23.6		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	9.8		2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BS			SDG No.:	BN102424
Lab Sample ID:	PB164230BS			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034707.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		17-161		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.31		23-138		77	SPK: -0.4
367-12-4	2-Fluorophenol	0.293		28-122		73	SPK: -0.4
13127-88-3	Phenol-d6	0.288		25-125		72	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.335		33-121		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		32-121		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.241		19-110		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.4		21-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6198	7.712				
1146-65-2	Naphthalene-d8	17304	10.479				
15067-26-2	Acenaphthene-d10	7375	14.325				
1517-22-2	Phenanthrene-d10	13485	17.064				
1719-03-5	Chrysene-d12	6398	21.248				
1520-96-3	Perylene-d12	2191	23.461				

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BS			SDG No.:	BN102424
Lab Sample ID:	PB164323BS			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
BN034708.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.35		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.35		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.34		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.98		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.32		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.34		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.35		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.31		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.37		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	0.35		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		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	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BS			SDG No.:	BN102424
Lab Sample ID:	PB164323BS			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
BN034708.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.474		20-139		118	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.327		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.291		10-100		73	SPK: -0.4
13127-88-3	Phenol-d6	0.3		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.331		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.237		10-131		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.374		35-157		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5858	7.712				
1146-65-2	Naphthalene-d8	16234	10.479				
15067-26-2	Acenaphthene-d10	6999	14.329				
1517-22-2	Phenanthrene-d10	12898	17.057				
1719-03-5	Chrysene-d12	7136	21.241				
1520-96-3	Perylene-d12	5990	23.461				

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BSD			SDG No.:	BN102424
Lab Sample ID:	PB164323BSD			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
BN034709.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.39		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.35		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		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	0.36		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.3		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.34		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.31		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.37		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.33		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.39		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.36		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	PB164323BSD			SDG No.:	BN102424
Lab Sample ID:	PB164323BSD			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
BN034709.D	1	10/22/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.49		20-139		123	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.301		10-100		75	SPK: -0.4
13127-88-3	Phenol-d6	0.311		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.346		27-123		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.375		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.244		10-131		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.394		35-157		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6013	7.712				
1146-65-2	Naphthalene-d8	16515	10.479				
15067-26-2	Acenaphthene-d10	7014	14.329				
1517-22-2	Phenanthrene-d10	12765	17.057				
1719-03-5	Chrysene-d12	7084	21.241				
1520-96-3	Perylene-d12	5993	23.464				

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-02			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
BN034710.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164229

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:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20241016			SDG No.:	BN102424
Lab Sample ID:	P4428-02			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
BN034710.D	1	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.278		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.354		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.065		10-100		16	SPK: -0.4
13127-88-3	Phenol-d6	0.068		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.291		27-123		73	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.299		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.066		10-131		16	SPK: -0.4
1718-51-0	Terphenyl-d14	0.398		35-157		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5814	7.712				
1146-65-2	Naphthalene-d8	16296	10.479				
15067-26-2	Acenaphthene-d10	7113	14.329				
1517-22-2	Phenanthrene-d10	13114	17.069				
1719-03-5	Chrysene-d12	8330	21.241				
1520-96-3	Perylene-d12	6107	23.461				

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BSD			SDG No.:	BN102424
Lab Sample ID:	PB164282BSD			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
BN034711.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.37		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.35		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.05		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.32		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.34		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.33		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.49		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		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	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.35		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM
Project:				Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164282BSD			SDG No.:	BN102424
Lab Sample ID:	PB164282BSD			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
BN034711.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.499		20-139		125	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.332		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.297		10-100		74	SPK: -0.4
13127-88-3	Phenol-d6	0.302		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.335		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.236		10-131		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.371		35-157		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5974	7.712				
1146-65-2	Naphthalene-d8	16564	10.479				
15067-26-2	Acenaphthene-d10	7143	14.329				
1517-22-2	Phenanthrene-d10	13002	17.057				
1719-03-5	Chrysene-d12	7027	21.241				
1520-96-3	Perylene-d12	5873	23.458				

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	VPB190-HYD-20241016			SDG No.:	BN102424
Lab Sample ID:	P4438-03			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
BN034712.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

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

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	VPB190-HYD-20241016			SDG No.:	BN102424
Lab Sample ID:	P4438-03			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
BN034712.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.016	*	20-139		4	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.134		30-150		34	SPK: -0.4
367-12-4	2-Fluorophenol	0.01	*	10-100		2	SPK: -0.4
13127-88-3	Phenol-d6	0.001	*	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.294		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.192		10-131		48	SPK: -0.4
1718-51-0	Terphenyl-d14	0.373		35-157		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5474	7.712				
1146-65-2	Naphthalene-d8	15229	10.479				
15067-26-2	Acenaphthene-d10	6821	14.329				
1517-22-2	Phenanthrene-d10	12490	17.056				
1719-03-5	Chrysene-d12	7477	21.241				
1520-96-3	Perylene-d12	6569	23.461				

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-58-60			SDG No.:	BN102424
Lab Sample ID:	P4438-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	740	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
BN034713.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.27	0.27	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.58		0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.09	J	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
Total PAH	Total PAH	0.62	U	0.62	0.14	2.24	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.19	U	0.19	0.27	0.27	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.27	0.27	ug/L
85-01-8	Phenanthrene	0.04	J	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.62		0.19	0.27	0.27	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.27	0.27	ug/L

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-58-60			SDG No.:	BN102424
Lab Sample ID:	P4438-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	740	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
BN034713.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.228		20-139		57	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.349		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.107		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.09		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.242		27-123		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.242		34-132		60	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.094		10-131		23	SPK: -0.4
1718-51-0	Terphenyl-d14	0.34		35-157		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5389	7.712				
1146-65-2	Naphthalene-d8	15449	10.479				
15067-26-2	Acenaphthene-d10	6955	14.325				
1517-22-2	Phenanthrene-d10	13023	17.064				
1719-03-5	Chrysene-d12	8752	21.239				
1520-96-3	Perylene-d12	8544	23.459				

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-98-100			SDG No.:	BN102424
Lab Sample ID:	P4438-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	700	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
BN034714.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.29	0.29	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	J	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
Total PAH	Total PAH	0.65	U	0.65	0.14	2.24	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.2	U	0.2	0.29	0.29	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.13	U	0.13	0.29	0.29	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2	U	0.2	0.29	0.29	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.06	U	0.06	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.1	U	0.1	0.29	0.29	ug/L

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Report of Analysis

Client:				Date Collected:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-98-100			SDG No.:	BN102424
Lab Sample ID:	P4438-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	700	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
BN034714.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.262		20-139		65	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.366		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.14		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.101		10-100		25	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.288		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.282		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.246		10-131		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.414		35-157		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5399	7.712				
1146-65-2	Naphthalene-d8	15483	10.479				
15067-26-2	Acenaphthene-d10	6989	14.318				
1517-22-2	Phenanthrene-d10	12939	17.057				
1719-03-5	Chrysene-d12	8218	21.241				
1520-96-3	Perylene-d12	7509	23.458				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-158-160			SDG No.:	BN102424
Lab Sample ID:	P4438-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034715.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

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

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-158-160			SDG No.:	BN102424
Lab Sample ID:	P4438-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034715.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.28		20-139		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.359		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.109		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.071		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.302		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.302		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.198		10-131		50	SPK: -0.4
1718-51-0	Terphenyl-d14	0.421		35-157		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5652	7.712				
1146-65-2	Naphthalene-d8	16161	10.479				
15067-26-2	Acenaphthene-d10	7343	14.318				
1517-22-2	Phenanthrene-d10	13707	17.057				
1719-03-5	Chrysene-d12	8531	21.241				
1520-96-3	Perylene-d12	7647	23.461				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-198-200			SDG No.:	BN102424
Lab Sample ID:	P4438-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	780	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
BN034716.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.26	0.26	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.13	0.13	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.13	0.13	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.13	0.13	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.13	0.13	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.13	0.13	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.13	0.13	ug/L
Total PAH	Total PAH	0.59	U	0.59	0.13	2.08	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.13	0.13	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.18	0.26	0.26	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.13	0.13	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.13	0.13	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.13	0.13	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.26	0.26	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.13	0.13	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.13	0.13	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.13	0.13	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.13	0.13	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.13	0.13	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.18	U	0.18	0.26	0.26	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.13	0.13	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.13	0.13	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.13	0.13	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.13	0.13	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.26	0.26	ug/L

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-190-GW-198-200			SDG No.:	BN102424
Lab Sample ID:	P4438-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	780	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
BN034716.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.3		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.388		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.134		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.098		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.319		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.331		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.217		10-131		54	SPK: -0.4
1718-51-0	Terphenyl-d14	0.407		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5401	7.712				
1146-65-2	Naphthalene-d8	15487	10.479				
15067-26-2	Acenaphthene-d10	7119	14.318				
1517-22-2	Phenanthrene-d10	13329	17.057				
1719-03-5	Chrysene-d12	8718	21.241				
1520-96-3	Perylene-d12	8097	23.461				

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Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	BPOW6-11-HYD-20241016	SDG No.:	BN102424
Lab Sample ID:	P4440-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034717.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

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:	10/16/2024 12:00:00 AM
Project:				Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	BPOW6-11-HYD-20241016			SDG No.:	BN102424
Lab Sample ID:	P4440-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034717.D	1	10/21/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.091		20-139		23	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.024	*	10-100		6	SPK: -0.4
13127-88-3	Phenol-d6	0.004	*	10-100		1	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.313		27-123		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.335		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.171		10-131		43	SPK: -0.4
1718-51-0	Terphenyl-d14	0.383		35-157		96	SPK: -0.4

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	5535	7.712
1146-65-2	Naphthalene-d8	15645	10.479
15067-26-2	Acenaphthene-d10	6994	14.318
1517-22-2	Phenanthrene-d10	12994	17.057
1719-03-5	Chrysene-d12	7954	21.241
1520-96-3	Perylene-d12	7258	23.458

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Report of Analysis

Client:				Date Collected:	10/14/2024 12:00:00 AM
Project:				Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	LOT-4078A			SDG No.:	BN102424
Lab Sample ID:	P4432-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	1.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034718.D	20	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	730	U	730	3700	3700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	1900	1900	ug/Kg
91-20-3	Naphthalene	390	U	390	1900	1900	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	390	1900	1900	ug/Kg
91-57-6	2-Methylnaphthalene	450	U	450	1900	1900	ug/Kg
208-96-8	Acenaphthylene	350	U	350	1900	1900	ug/Kg
83-32-9	Acenaphthene	310	U	310	1900	1900	ug/Kg
Total PAH	Total PAH	8160	U	8160	1900	30400	ug/Kg
86-73-7	Fluorene	340	U	340	1900	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	3700	3700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	440	U	440	1900	1900	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	1900	1900	ug/Kg
1912-24-9	Atrazine	430	U	430	1900	1900	ug/Kg
87-86-5	Pentachlorophenol	1600	U	1600	3700	3700	ug/Kg
85-01-8	Phenanthrene	350	U	350	1900	1900	ug/Kg
120-12-7	Anthracene	440	U	440	1900	1900	ug/Kg
206-44-0	Fluoranthene	380	U	380	1900	1900	ug/Kg
129-00-0	Pyrene	530	U	530	1900	1900	ug/Kg
56-55-3	Benzo(a)anthracene	430	U	430	1900	1900	ug/Kg
218-01-9	Chrysene	480	U	480	1900	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820	U	820	3700	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	670	U	670	1900	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	550	U	550	1900	1900	ug/Kg
50-32-8	Benzo(a)pyrene	930	U	930	1900	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710	U	710	1900	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	660	U	660	1900	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640	U	640	1900	1900	ug/Kg
123-91-1	1,4-Dioxane	1200	U	1200	3700	3700	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/14/2024 12:00:00 AM
Project:				Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	LOT-4078A			SDG No.:	BN102424
Lab Sample ID:	P4432-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	1.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034718.D	20	10/17/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.16		17-161		40	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.16		23-138		40	SPK: -0.4
367-12-4	2-Fluorophenol	0.16		28-122		40	SPK: -0.4
13127-88-3	Phenol-d6	0.18		25-125		45	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.32		33-121		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.2		32-121		50	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.2		19-110		50	SPK: -0.4
1718-51-0	Terphenyl-d14	0.2		21-130		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5174	7.712				
1146-65-2	Naphthalene-d8	15118	10.479				
15067-26-2	Acenaphthene-d10	6889	14.318				
1517-22-2	Phenanthrene-d10	12852	17.057				
1719-03-5	Chrysene-d12	9236	21.241				
1520-96-3	Perylene-d12	10331	23.458				

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Hit Summary Sheet
SW-846

SDG No.: BN102424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RW7-SP100-20241016								
P4428-01	RW7-SP100-20241016	Water	1,4-Dioxane	4.700		0.07	0.21	ug/L
P4428-01	RW7-SP100-20241016	Water	bis(2-Chloroethyl)ether	0.030	J	0.03	0.1	ug/L
			Total Svoc :			**4.73**		
			Total Concentration:			**4.73**		
Client ID : RW7-SP302-20241016								
P4428-03	RW7-SP302-20241016	Water	1,4-Dioxane	0.090	J	0.07	0.21	ug/L
			Total Svoc :			**0.09**		
			Total Concentration:			**0.09**		
Client ID : BP-VPB-190-GW-58-60								
P4438-04	BP-VPB-190-GW-58-60	Water	2-Methylnaphthalene	0.090	J	0.04	0.14	ug/L
P4438-04	BP-VPB-190-GW-58-60	Water	Bis(2-ethylhexyl)phthalate	0.620		0.19	0.27	ug/L
P4438-04	BP-VPB-190-GW-58-60	Water	Naphthalene	0.580		0.03	0.14	ug/L
P4438-04	BP-VPB-190-GW-58-60	Water	Phenanthrene	0.040	J	0.03	0.14	ug/L
			Total Svoc :			**1.33**		
			Total Concentration:			**1.33**		
Client ID : BP-VPB-190-GW-98-100								
P4438-05	BP-VPB-190-GW-98-10(	Water	Naphthalene	0.030	J	0.03	0.14	ug/L
			Total Svoc :			**0.03**		
			Total Concentration:			**0.03**		
Client ID : BP-VPB-190-GW-238-240								
P4475-04	BP-VPB-190-GW-238-24	Water	1,4-Dioxane	0.070	J	0.07	0.2	ug/L
			Total Svoc :			**0.07**		
			Total Concentration:			**0.07**		
Client ID : BP-VPB-190-GW-278-280								
P4475-06	BP-VPB-190-GW-278-28	Water	1,4-Dioxane	0.410		0.07	0.21	ug/L
			Total Svoc :			**0.41**		
			Total Concentration:			**0.41**		
Client ID : ICVBN102424								
SSTDICV0.4	ICVBN102424	Water	1,4-Dioxane	360.000		68	200	ug/L
SSTDICV0.4	ICVBN102424	Water	2-Methylnaphthalene	360.000		30	100	ug/L
SSTDICV0.4	ICVBN102424	Water	4,6-Dinitro-2-methylphenol	320.000		140	200	ug/L
SSTDICV0.4	ICVBN102424	Water	4-Bromophenyl-phenylether	350.000		26	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Acenaphthene	340.000		20	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Acenaphthylene	330.000		21	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Anthracene	350.000		24	100	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN102424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV0.4	ICVBN102424	Water	Atrazine	330.000		23	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Benzo(a)anthracene	350.000		22	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Benzo(a)pyrene	360.000		56	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Benzo(b)fluoranthene	360.000		32	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Benzo(g,h,i)perylene	350.000		37	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Benzo(k)fluoranthene	350.000		34	100	ug/L
SSTDICV0.4	ICVBN102424	Water	bis(2-Chloroethyl)ether	370.000		28	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Bis(2-ethylhexyl)phthalate	320.000		140	200	ug/L
SSTDICV0.4	ICVBN102424	Water	Chrysene	360.000		26	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Dibenzo(a,h)anthracene	350.000		39	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Fluoranthene	350.000		23	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Fluorene	340.000		18	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Hexachlorobenzene	360.000		29	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Hexachlorobutadiene	360.000		26	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Indeno(1,2,3-cd)pyrene	350.000		38	100	ug/L
SSTDICV0.4	ICVBN102424	Water	n-Nitrosodimethylamine	350.000		30	200	ug/L
SSTDICV0.4	ICVBN102424	Water	Naphthalene	360.000		24	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Pentachlorophenol	340.000		90	200	ug/L
SSTDICV0.4	ICVBN102424	Water	Phenanthrene	360.000		20	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Pyrene	370.000		22	100	ug/L
SSTDICV0.4	ICVBN102424	Water	Total PAH	5,630.000		456	1600	ug/L
			Total Svoc :	**15,080.00**				
			Total Concentration:	**15,080.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG No.: BN102424

Instrument ID: Calibration Date(s): 10/24/2024

Calibration Time(s): 09:11

LAB FILE ID: RRF0.1 = BN034684.D RRF0.2 = BN034685.D RRF0.4 = BN034686.D
RRF0.8 = BN034687.D RRF1.6 = BN034688.D RRF3.2 = BN034689.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.542	0.534	0.481	0.583	0.586	0.557	0.550	6.5
Fluoranthene-d10	0.870	0.885	0.784	0.994	0.951	0.913	0.901	7.4
n-Nitrosodimethylamine	0.775	0.766	0.704	0.842	0.827	0.761	0.775	6.1
2-Fluorophenol	1.188	1.202	1.070	1.268	1.253	1.168	1.189	5.5
Phenol-d6	1.556	1.554	1.386	1.658	1.657	1.569	1.568	5.8
bis(2-Chloroethyl)ether	1.306	1.281	1.140	1.380	1.346	1.243	1.274	6.4
Nitrobenzene-d5	0.345	0.323	0.294	0.354	0.349	0.337	0.336	6.3
Naphthalene	1.126	1.100	0.987	1.182	1.157	1.094	1.107	5.6
Hexachlorobutadiene	0.175	0.169	0.149	0.178	0.170	0.160	0.166	6.2
2-Methylnaphthalene	0.675	0.670	0.600	0.729	0.730	0.697	0.687	6.5
2-Fluorobiphenyl	1.661	1.577	1.379	1.703	1.666	1.540	1.590	6.8
Acenaphthylene	1.900	1.860	1.581	2.040	2.038	1.964	1.921	8.8
Acenaphthene	1.318	1.286	1.122	1.435	1.407	1.329	1.324	7.8
Fluorene	1.598	1.609	1.388	1.764	1.750	1.663	1.634	7.7
4,6-Dinitro-2-methylphenol		0.048	0.043	0.055	0.059	0.063	0.056	16.7
2,4,6-Tribromophenol	0.110	0.118	0.096	0.127	0.133	0.136	0.124	13.7
4-Bromophenyl-phenylether	0.217	0.211	0.190	0.224	0.221	0.212	0.213	5.2
Hexachlorobenzene	0.238	0.234	0.211	0.243	0.238	0.226	0.231	4.5
Atrazine	0.151	0.158	0.140	0.183	0.181	0.181	0.168	10.6
Pentachlorophenol		0.065	0.064	0.083	0.087	0.092	0.082	17.7
Phenanthrene	1.214	1.208	1.065	1.273	1.244	1.191	1.202	5.5
Anthracene	1.006	1.043	0.931	1.124	1.127	1.102	1.067	7.2
Fluoranthene	1.188	1.222	1.092	1.380	1.333	1.290	1.253	7.7
Pyrene	2.066	2.035	1.880	2.152	2.164	2.039	2.055	4.6
Terphenyl-d14	0.813	0.797	0.740	0.867	0.865	0.820	0.817	5.3
Benzo(a)anthracene	1.502	1.445	1.373	1.640	1.613	1.553	1.528	6.2
Chrysene	1.642	1.568	1.442	1.709	1.643	1.533	1.581	5.7
Bis(2-ethylhexyl)phthalate	0.901	0.779	0.722	0.843	0.878	0.915	0.867	11.5
Benzo(b)fluoranthene	1.543	1.516	1.481	1.714	1.699	1.614	1.597	5.6
Benzo(k)fluoranthene	1.511	1.491	1.386	1.723	1.712	1.596	1.576	7.7
Benzo(a)pyrene	1.203	1.188	1.157	1.369	1.383	1.323	1.282	7.5
Indeno(1,2,3-cd)pyrene	1.562	1.447	1.418	1.596	1.620	1.517	1.541	5.4
Dibenzo(a,h)anthracene	1.236	1.139	1.113	1.246	1.283	1.201	1.215	5.6
Benzo(g,h,i)perylene	1.397	1.287	1.262	1.377	1.387	1.290	1.340	4.3
1,4-Dioxane	0.621	0.564	0.485	0.545	0.530	0.503	0.532	9.4

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 14:14

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	6324	7.712	18497	10.48	9311	14.33
	UPPER LIMIT	12648	8.212	36994	10.979	18622	14.829
	LOWER LIMIT	3162	7.212	9248.5	9.979	4655.5	13.829
	EPA SAMPLE NO.						
01	ICVBN102424	6674	7.71	19848	10.48	10372	14.33
02	PB164229BL	6659	7.71	18698	10.48	8134	14.33
03	RW7-SP100-20241016	5598	7.71	16265	10.48	7521	14.33
04	PB164229BS	7746	7.71	21854	10.48	9313	14.33
05	RW7-SP302-20241016	5914	7.71	16908	10.48	7800	14.33
06	RW7-SP303-20241016	6342	7.71	18201	10.48	8400	14.33
07	BP-VPB-190-GW-238-240	6066	7.71	17751	10.48	8148	14.33
08	BP-VPB-190-GW-278-280	5957	7.71	17174	10.48	7846	14.33
09	PB164230BL	6089	7.71	16910	10.48	7332	14.33
10	PB164323BL	5922	7.71	16459	10.48	7081	14.33
11	PB164229BSD	6487	7.71	18237	10.48	7824	14.33
12	PB164282BL	6454	7.71	17746	10.48	7655	14.33
13	PB164282BS	6277	7.71	17435	10.48	7557	14.32
14	PB164230BS	6198	7.71	17304	10.48	7375	14.33
15	PB164323BS	5858	7.71	16234	10.48	6999	14.33
16	PB164323BSD	6013	7.71	16515	10.48	7014	14.33
17	RW7-SP201-20241016	5814	7.71	16296	10.48	7113	14.33
18	PB164282BSD	5974	7.71	16564	10.48	7143	14.33
19	VPB190-HYD-20241016	5474	7.71	15229	10.48	6821	14.33
20	BP-VPB-190-GW-58-60	5389	7.71	15449	10.48	6955	14.33
21	BP-VPB-190-GW-98-100	5399	7.71	15483	10.48	6989	14.32
22	BP-VPB-190-GW-158-160	5652	7.71	16161	10.48	7343	14.32
23	BP-VPB-190-GW-198-200	5401	7.71	15487	10.48	7119	14.32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 06:39

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	6324	7.712	18497	10.48	9311	14.33
	UPPER LIMIT	12648	8.212	36994	10.979	18622	14.829
	LOWER LIMIT	3162	7.212	9248.5	9.979	4655.5	13.829
	EPA SAMPLE NO.						
24	BPOW6-11-HYD-20241016	5535	7.71	15645	10.48	6994	14.32
25	LOT-4078A	5174	7.71	15118	10.48	6889	14.32

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.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 14:14

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	6324	7.712	18497	10.48	9311	14.33
	UPPER LIMIT	12648	8.212	36994	10.979	18622	14.829
	LOWER LIMIT	3162	7.212	9248.5	9.979	4655.5	13.829
	EPA SAMPLE NO.						
01	ICVBN102424	6674	7.71	19848	10.48	10372	14.33
02	PB164229BL	6659	7.71	18698	10.48	8134	14.33
03	RW7-SP100-20241016	5598	7.71	16265	10.48	7521	14.33
04	PB164229BS	7746	7.71	21854	10.48	9313	14.33
05	RW7-SP302-20241016	5914	7.71	16908	10.48	7800	14.33
06	RW7-SP303-20241016	6342	7.71	18201	10.48	8400	14.33
07	BP-VPB-190-GW-238-240	6066	7.71	17751	10.48	8148	14.33
08	BP-VPB-190-GW-278-280	5957	7.71	17174	10.48	7846	14.33

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.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034701.D Time Analyzed: 21:38

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	5885	7.712	17350	10.48	8078	14.33
	UPPER LIMIT	11770	8.212	34700	10.979	16156	14.825
	LOWER LIMIT	2942.5	7.212	8675	9.979	4039	13.825
	EPA SAMPLE NO.						
01	PB164230BL	6089	7.71	16910	10.48	7332	14.33
02	PB164323BL	5922	7.71	16459	10.48	7081	14.33
03	PB164229BSD	6487	7.71	18237	10.48	7824	14.33
04	PB164282BL	6454	7.71	17746	10.48	7655	14.33
05	PB164282BS	6277	7.71	17435	10.48	7557	14.32
06	PB164230BS	6198	7.71	17304	10.48	7375	14.33
07	PB164323BS	5858	7.71	16234	10.48	6999	14.33
08	PB164323BSD	6013	7.71	16515	10.48	7014	14.33
09	RW7-SP201-20241016	5814	7.71	16296	10.48	7113	14.33
10	PB164282BSD	5974	7.71	16564	10.48	7143	14.33
11	VPB190-HYD-20241016	5474	7.71	15229	10.48	6821	14.33
12	BP-VPB-190-GW-58-60	5389	7.71	15449	10.48	6955	14.33
13	BP-VPB-190-GW-98-100	5399	7.71	15483	10.48	6989	14.32
14	BP-VPB-190-GW-158-160	5652	7.71	16161	10.48	7343	14.32
15	BP-VPB-190-GW-198-200	5401	7.71	15487	10.48	7119	14.32
16	BPOW6-11-HYD-20241016	5535	7.71	15645	10.48	6994	14.32
17	LOT-4078A	5174	7.71	15118	10.48	6889	14.32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BN034701.D Time Analyzed: 07:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5885	7.712	17350	10.48	8078	14.33
UPPER LIMIT	11770	8.212	34700	10.979	16156	14.825
LOWER LIMIT	2942.5	7.212	8675	9.979	4039	13.825
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.

Alliance TECHNICAL GROUP
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 14:14

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	18185	17.069	10628	21.25	9595		23.467
	UPPER LIMIT	36370	17.569	21256	21.75	19190		23.967
	LOWER LIMIT	9092.5	16.569	5314	20.75	4797.5		22.967
	EPA SAMPLE NO.							
01	ICVBN102424	21015	17.07	12401	21.25	10594		23.47
02	PB164229BL	15380	17.07	8430	21.25	4222	*	23.47
03	RW7-SP100-20241016	14308	17.06	8901	21.25	8123		23.47
04	PB164229BS	17486	17.07	7332	21.25	876	*	23.47
05	RW7-SP302-20241016	14807	17.07	9773	21.25	9243		23.47
06	RW7-SP303-20241016	14880	17.07	8915	21.25	8250		23.46
07	BP-VPB-190-GW-238-240	14702	17.07	9316	21.25	8560		23.47
08	BP-VPB-190-GW-278-280	14328	17.07	9271	21.25	8678		23.47
09	PB164230BL	12991	17.07	7046	21.24	6436		23.46
10	PB164323BL	12571	17.06	6974	21.25	6412		23.46
11	PB164229BSD	14054	17.07	7021	21.24	3135	*	23.46
12	PB164282BL	13670	17.07	7475	21.24	6736		23.46
13	PB164282BS	13505	17.06	7661	21.24	6455		23.46
14	PB164230BS	13485	17.06	6398	21.25	2191	*	23.46
15	PB164323BS	12898	17.06	7136	21.24	5990		23.46
16	PB164323BSD	12765	17.06	7084	21.24	5993		23.46
17	RW7-SP201-20241016	13114	17.07	8330	21.24	6107		23.46
18	PB164282BSD	13002	17.06	7027	21.24	5873		23.46
19	VPB190-HYD-20241016	12490	17.06	7477	21.24	6569		23.46
20	BP-VPB-190-GW-58-60	13023	17.06	8752	21.24	8544		23.46
21	BP-VPB-190-GW-98-100	12939	17.06	8218	21.24	7509		23.46

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 05:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18185	17.069	10628	21.25	9595	23.467
	UPPER LIMIT	36370	17.569	21256	21.75	19190	23.967
	LOWER LIMIT	9092.5	16.569	5314	20.75	4797.5	22.967
	EPA SAMPLE NO.						
22	BP-VPB-190-GW-158-160	13707	17.06	8531	21.24	7647	23.46
23	BP-VPB-190-GW-198-200	13329	17.06	8718	21.24	8097	23.46
24	BPOW6-11-HYD-20241016	12994	17.06	7954	21.24	7258	23.46
25	LOT-4078A	12852	17.06	9236	21.24	10331	23.46

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.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034686.D Time Analyzed: 14:14

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	18185	17.069	10628	21.25	9595		23.467
	UPPER LIMIT	36370	17.569	21256	21.75	19190		23.967
	LOWER LIMIT	9092.5	16.569	5314	20.75	4797.5		22.967
	EPA SAMPLE NO.							
01	ICVBN102424	21015	17.07	12401	21.25	10594		23.47
02	PB164229BL	15380	17.07	8430	21.25	4222	*	23.47
03	RW7-SP100-20241016	14308	17.06	8901	21.25	8123		23.47
04	PB164229BS	17486	17.07	7332	21.25	876	*	23.47
05	RW7-SP302-20241016	14807	17.07	9773	21.25	9243		23.47
06	RW7-SP303-20241016	14880	17.07	8915	21.25	8250		23.46
07	BP-VPB-190-GW-238-240	14702	17.07	9316	21.25	8560		23.47
08	BP-VPB-190-GW-278-280	14328	17.07	9271	21.25	8678		23.47

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.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BN034701.D Time Analyzed: 21:38

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	14577	17.064	8841	21.248	8336		23.464
	UPPER LIMIT	29154	17.564	17682	21.748	16672		23.964
	LOWER LIMIT	7288.5	16.564	4420.5	20.748	4168		22.964
	EPA SAMPLE NO.							
01	PB164230BL	12991	17.07	7046	21.24	6436		23.46
02	PB164323BL	12571	17.06	6974	21.25	6412		23.46
03	PB164229BSD	14054	17.07	7021	21.24	3135	*	23.46
04	PB164282BL	13670	17.07	7475	21.24	6736		23.46
05	PB164282BS	13505	17.06	7661	21.24	6455		23.46
06	PB164230BS	13485	17.06	6398	21.25	2191	*	23.46
07	PB164323BS	12898	17.06	7136	21.24	5990		23.46
08	PB164323BSD	12765	17.06	7084	21.24	5993		23.46
09	RW7-SP201-20241016	13114	17.07	8330	21.24	6107		23.46
10	PB164282BSD	13002	17.06	7027	21.24	5873		23.46
11	VPB190-HYD-20241016	12490	17.06	7477	21.24	6569		23.46
12	BP-VPB-190-GW-58-60	13023	17.06	8752	21.24	8544		23.46
13	BP-VPB-190-GW-98-100	12939	17.06	8218	21.24	7509		23.46
14	BP-VPB-190-GW-158-160	13707	17.06	8531	21.24	7647		23.46
15	BP-VPB-190-GW-198-200	13329	17.06	8718	21.24	8097		23.46
16	BPOW6-11-HYD-20241016	12994	17.06	7954	21.24	7258		23.46
17	LOT-4078A	12852	17.06	9236	21.24	10331		23.46

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BN034701.D Time Analyzed: 07:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	14577	17.064	8841	21.248	8336	23.464
UPPER LIMIT	29154	17.564	17682	21.748	16672	23.964
LOWER LIMIT	7288.5	16.564	4420.5	20.748	4168	22.964
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164229BS	n-Nitrosodimethylamine	0.4	0.33	ug/L	83				33	130	
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80				55	118	
	Naphthalene	0.4	0.31	ug/L	78				67	120	
	Hexachlorobutadiene	0.4	0.3	ug/L	75				33	114	
	2-Methylnaphthalene	0.4	0.3	ug/L	75				50	122	
	Acenaphthylene	0.4	0.28	ug/L	70				60	119	
	Acenaphthene	0.4	0.31	ug/L	78				65	119	
	Total PAH	6.4	12.55	ug/L	196		*		65	119	
	Fluorene	0.4	0.31	ug/L	78				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.29	ug/L	73				20	150	
	4-Bromophenyl-phenylether	0.4	0.31	ug/L	78				20	150	
	Hexachlorobenzene	0.4	0.31	ug/L	78				62	127	
	Atrazine	0.4		ug/L	0		*		20	150	
	Pentachlorophenol	0.8	0.57	ug/L	71				10	137	
	Phenanthrene	0.4	0.33	ug/L	83				65	117	
	Anthracene	0.4	0.31	ug/L	78				57	118	
	Fluoranthene	0.4	0.27	ug/L	68				53	126	
	Pyrene	0.4	0.3	ug/L	75				54	124	
	Benzo(a)anthracene	0.4	0.32	ug/L	80				54	130	
	Chrysene	0.4	0.37	ug/L	93				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.36	ug/L	90				40	137	
	Benzo(b)fluoranthene	0.4	2.3	ug/L	575		*		65	121	
	Benzo(k)fluoranthene	0.4	1.7	ug/L	425		*		72	119	
	Benzo(a)pyrene	0.4	0.94	ug/L	235		*		68	120	
	Indeno(1,2,3-cd)pyrene	0.4	1.3	ug/L	325		*		70	127	
	Dibenz(a,h)anthracene	0.4	2	ug/L	500		*		65	121	
	Benzo(g,h,i)perylene	0.4	1.2	ug/L	300		*		76	117	
	1,4-Dioxane	0.4	0.27	ug/L	68				42	127	
PB164229BSD	n-Nitrosodimethylamine	0.4	0.38	ug/L	95	14			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.36	ug/L	90	12			55	118	20
	Naphthalene	0.4	0.35	ug/L	88	12			67	120	20
	Hexachlorobutadiene	0.4	0.34	ug/L	85	13			33	114	20
	2-Methylnaphthalene	0.4	0.34	ug/L	85	13			50	122	20
	Acenaphthylene	0.4	0.34	ug/L	85	19			60	119	20
	Acenaphthene	0.4	0.35	ug/L	88	12			65	119	20
	Total PAH	6.4	7.77	ug/L	121	47	*	*	65	119	20
	Fluorene	0.4	0.36	ug/L	90	15			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.31	ug/L	78	7			20	150	20
	4-Bromophenyl-phenylether	0.4	0.35	ug/L	88	12			20	150	20
	Hexachlorobenzene	0.4	0.36	ug/L	90	15			62	127	20
	Atrazine	0.4		ug/L	0	0	*		20	150	20
	Pentachlorophenol	0.8	0.6	ug/L	75	5			10	137	20
	Phenanthrene	0.4	0.37	ug/L	93	11			65	117	20
	Anthracene	0.4	0.36	ug/L	90	15			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164229BSD	Fluoranthene	0.4	0.33	ug/L	83	20			53	126	20
	Pyrene	0.4	0.37	ug/L	93	21		*	54	124	20
	Benzo(a)anthracene	0.4	0.39	ug/L	98	20			54	130	20
	Chrysene	0.4	0.41	ug/L	103	10			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.38	ug/L	95	5			40	137	20
	Benzo(b)fluoranthene	0.4	0.78	ug/L	195	99	*	*	65	121	20
	Benzo(k)fluoranthene	0.4	0.71	ug/L	178	82	*	*	72	119	20
	Benzo(a)pyrene	0.4	0.59	ug/L	147	46	*	*	68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.67	ug/L	168	64	*	*	70	127	20
	Dibenz(a,h)anthracene	0.4	0.76	ug/L	190	90	*	*	65	121	20
	Benzo(g,h,i)perylene	0.4	0.63	ug/L	158	62	*	*	76	117	20
	1,4-Dioxane	0.4	0.3	ug/L	75	11			42	127	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164230BS	n-Nitrosodimethylamine	13.3	13.1	ug/Kg	98				27	120	
	bis(2-Chloroethyl)ether	13.3	12.1	ug/Kg	91				48	114	
	Naphthalene	13.3	11.7	ug/Kg	88				63	120	
	Hexachlorobutadiene	13.3	11.3	ug/Kg	85				47	116	
	2-Methylnaphthalene	13.3	11.3	ug/Kg	85				54	111	
	Acenaphthylene	13.3	11.1	ug/Kg	83				61	110	
	Acenaphthene	13.3	11.7	ug/Kg	88				65	112	
	Total PAH	212.8	280.2	ug/Kg	132		*		65	112	
	Fluorene	13.3	11.6	ug/Kg	87				61	115	
	4,6-Dinitro-2-methylphenol	13.3	10.7	ug/Kg	80				20	150	
	4-Bromophenyl-phenylether	13.3	11.7	ug/Kg	88				20	150	
	Hexachlorobenzene	13.3	12.1	ug/Kg	91				52	117	
	Atrazine	13.3		ug/Kg	0		*		20	150	
	Pentachlorophenol	26.6	20.4	ug/Kg	77				47	116	
	Phenanthrene	13.3	12.3	ug/Kg	92				61	120	
	Anthracene	13.3	11.7	ug/Kg	88				60	115	
	Fluoranthene	13.3	10.7	ug/Kg	80				56	124	
	Pyrene	13.3	12.1	ug/Kg	91				58	125	
	Benzo(a)anthracene	13.3	12.6	ug/Kg	95				45	129	
	Chrysene	13.3	13.8	ug/Kg	104				62	123	
	bis(2-Ethylhexyl)phthalate	13.3	12.9	ug/Kg	97				60	119	
	Benzo(b)fluoranthene	13.3	32.3	ug/Kg	243		*		47	123	
	Benzo(k)fluoranthene	13.3	27.5	ug/Kg	207		*		69	123	
	Benzo(a)pyrene	13.3	22.3	ug/Kg	168		*		53	123	
	Indeno(1,2,3-cd)pyrene	13.3	25	ug/Kg	188		*		62	131	
	Dibenz(a,h)anthracene	13.3	30.2	ug/Kg	227		*		57	120	
	Benzo(g,h,i)perylene	13.3	23.6	ug/Kg	177		*		66	121	
	1,4-Dioxane	13.3	9.8	ug/Kg	74				70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164282BS	n-Nitrosodimethylamine	0.4	0.36	ug/L	90				33	130	
	bis(2-Chloroethyl)ether	0.4	0.36	ug/L	90				55	118	
	Naphthalene	0.4	0.35	ug/L	88				67	120	
	Hexachlorobutadiene	0.4	0.35	ug/L	88				33	114	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				50	122	
	Acenaphthylene	0.4	0.35	ug/L	88				60	119	
	Acenaphthene	0.4	0.34	ug/L	85				65	119	
	Total PAH	6.4	6.02	ug/L	94				65	119	
	Fluorene	0.4	0.32	ug/L	80				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.29	ug/L	73				20	150	
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.32	ug/L	80				20	150	
	Pentachlorophenol	0.8	0.52	ug/L	65				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.36	ug/L	90				57	118	
	Fluoranthene	0.4	0.33	ug/L	83				53	126	
	Pyrene	0.4	0.36	ug/L	90				54	124	
	Benzo(a)anthracene	0.4	0.36	ug/L	90				54	130	
	Chrysene	0.4	0.39	ug/L	98				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.34	ug/L	85				40	137	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				65	121	
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				72	119	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				76	117	
	1,4-Dioxane	0.4	0.3	ug/L	75				42	127	
PB164282BSD	n-Nitrosodimethylamine	0.4	0.37	ug/L	93	3			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.36	ug/L	90	0			55	118	20
	Naphthalene	0.4	0.35	ug/L	88	0			67	120	20
	Hexachlorobutadiene	0.4	0.35	ug/L	88	0			33	114	20
	2-Methylnaphthalene	0.4	0.33	ug/L	83	3			50	122	20
	Acenaphthylene	0.4	0.35	ug/L	88	0			60	119	20
	Acenaphthene	0.4	0.34	ug/L	85	0			65	119	20
	Total PAH	6.4	6.05	ug/L	95	0			65	119	20
	Fluorene	0.4	0.32	ug/L	80	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.29	ug/L	73	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.34	ug/L	85	6			20	150	20
	Hexachlorobenzene	0.4	0.36	ug/L	90	0			62	127	20
	Atrazine	0.4	0.33	ug/L	83	3			20	150	20
	Pentachlorophenol	0.8	0.49	ug/L	61	6			10	137	20
	Phenanthrene	0.4	0.36	ug/L	90	3			65	117	20
	Anthracene	0.4	0.36	ug/L	90	0			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164282BSD	Fluoranthene	0.4	0.33	ug/L	83	0			53	126	20
	Pyrene	0.4	0.38	ug/L	95	5			54	124	20
	Benzo(a)anthracene	0.4	0.37	ug/L	93	3			54	130	20
	Chrysene	0.4	0.4	ug/L	100	3			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.35	ug/L	88	3			40	137	20
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103	2			65	121	20
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100	0			72	119	20
	Benzo(a)pyrene	0.4	0.43	ug/L	108	2			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108	2			70	127	20
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	2			76	117	20
	1,4-Dioxane	0.4	0.31	ug/L	78	3			42	127	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164323BS	n-Nitrosodimethylamine	0.4	0.35	ug/L	88				33	130	
	bis(2-Chloroethyl)ether	0.4	0.35	ug/L	88				55	118	
	Naphthalene	0.4	0.34	ug/L	85				67	120	
	Hexachlorobutadiene	0.4	0.34	ug/L	85				33	114	
	2-Methylnaphthalene	0.4	0.33	ug/L	83				50	122	
	Acenaphthylene	0.4	0.35	ug/L	88				60	119	
	Acenaphthene	0.4	0.34	ug/L	85				65	119	
	Total PAH	6.4	5.98	ug/L	93				65	119	
	Fluorene	0.4	0.32	ug/L	80				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.29	ug/L	73				20	150	
	4-Bromophenyl-phenylether	0.4	0.34	ug/L	85				20	150	
	Hexachlorobenzene	0.4	0.35	ug/L	88				62	127	
	Atrazine	0.4	0.31	ug/L	78				20	150	
	Pentachlorophenol	0.8	0.51	ug/L	64				10	137	
	Phenanthrene	0.4	0.36	ug/L	90				65	117	
	Anthracene	0.4	0.36	ug/L	90				57	118	
	Fluoranthene	0.4	0.32	ug/L	80				53	126	
	Pyrene	0.4	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				54	130	
	Chrysene	0.4	0.38	ug/L	95				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.35	ug/L	88				40	137	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				65	121	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				72	119	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				76	117	
	1,4-Dioxane	0.4	0.29	ug/L	73				42	127	
PB164323BSD	n-Nitrosodimethylamine	0.4	0.39	ug/L	98	11			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.36	ug/L	90	3			55	118	20
	Naphthalene	0.4	0.36	ug/L	90	6			67	120	20
	Hexachlorobutadiene	0.4	0.35	ug/L	88	3			33	114	20
	2-Methylnaphthalene	0.4	0.34	ug/L	85	3			50	122	20
	Acenaphthylene	0.4	0.37	ug/L	93	6			60	119	20
	Acenaphthene	0.4	0.36	ug/L	90	6			65	119	20
	Total PAH	6.4	6.3	ug/L	98	5			65	119	20
	Fluorene	0.4	0.34	ug/L	85	6			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.31	ug/L	78	7			20	150	20
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90	6			20	150	20
	Hexachlorobenzene	0.4	0.37	ug/L	93	6			62	127	20
	Atrazine	0.4	0.33	ug/L	83	6			20	150	20
	Pentachlorophenol	0.8	0.51	ug/L	64	0			10	137	20
	Phenanthrene	0.4	0.38	ug/L	95	5			65	117	20
	Anthracene	0.4	0.38	ug/L	95	5			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN102424

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164323BSD	Fluoranthene	0.4	0.34	ug/L	85	6			53	126	20
	Pyrene	0.4	0.39	ug/L	98	5			54	124	20
	Benzo(a)anthracene	0.4	0.39	ug/L	98	5			54	130	20
	Chrysene	0.4	0.4	ug/L	100	5			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.36	ug/L	90	3			40	137	20
	Benzo(b)fluoranthene	0.4	0.42	ug/L	105	5			65	121	20
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105	7			72	119	20
	Benzo(a)pyrene	0.4	0.44	ug/L	110	5			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113	5			70	127	20
	Dibenz(a,h)anthracene	0.4	0.44	ug/L	110	5			65	121	20
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105	2			76	117	20
	1,4-Dioxane	0.4	0.3	ug/L	75	3			42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ICVBN102424

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034691.D Lab Sample ID: SSTDICV0.4

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 10/24/2024

Level: (low/med) LOW Time Analyzed: 14:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ICVBN102424	SSTDICV0.4	BN034691.D	10/24/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164229BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034692.D Lab Sample ID: PB164229BL

Instrument ID: BNA_N Date Extracted: 10/17/2024

Matrix: (soil/water) Water Date Analyzed: 10/24/2024

Level: (low/med) LOW Time Analyzed: 14:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RW7-SP100-20241016	P4428-01	BN034693.D	10/24/2024
PB164229BS	PB164229BS	BN034694.D	10/24/2024
RW7-SP302-20241016	P4428-03	BN034695.D	10/24/2024
RW7-SP303-20241016	P4428-04	BN034696.D	10/24/2024
RW7-SP201-20241016	P4428-02	BN034710.D	10/25/2024
PB164229BSD	PB164229BSD	BN034704.D	10/24/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164230BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034702.D Lab Sample ID: PB164230BL

Instrument ID: BNA_N Date Extracted: 10/17/2024

Matrix: (soil/water) Solid Date Analyzed: 10/24/2024

Level: (low/med) LOW Time Analyzed: 21:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164230BS	PB164230BS	BN034707.D	10/25/2024
LOT-4078A	P4432-01	BN034718.D	10/25/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164282BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034705.D Lab Sample ID: PB164282BL

Instrument ID: BNA_N Date Extracted: 10/21/2024

Matrix: (soil/water) Water Date Analyzed: 10/24/2024

Level: (low/med) LOW Time Analyzed: 23:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164282BS	PB164282BS	BN034706.D	10/25/2024
PB164282BSD	PB164282BSD	BN034711.D	10/25/2024
VPB190-HYD-20241016	P4438-03	BN034712.D	10/25/2024
BP-VPB-190-GW-58-60	P4438-04	BN034713.D	10/25/2024
BP-VPB-190-GW-98-100	P4438-05	BN034714.D	10/25/2024
BP-VPB-190-GW-158-160	P4438-06	BN034715.D	10/25/2024
BP-VPB-190-GW-198-200	P4438-07	BN034716.D	10/25/2024
BPOW6-11-HYD-20241016	P4440-01	BN034717.D	10/25/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164323BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN102424 SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034703.D Lab Sample ID: PB164323BL

Instrument ID: BNA_N Date Extracted: 10/22/2024

Matrix: (soil/water) Water Date Analyzed: 10/24/2024

Level: (low/med) LOW Time Analyzed: 22:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164323BS	PB164323BS	BN034708.D	10/25/2024
PB164323BSD	PB164323BSD	BN034709.D	10/25/2024
BP-VPB-190-GW-238-240	P4475-04	BN034697.D	10/24/2024
BP-VPB-190-GW-278-280	P4475-06	BN034698.D	10/24/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDICV0.4	ICVBN102424	BN034691.D	2-Methylnaphthalene-d10	0.4	357.00	89250	*	20	139
			Fluoranthene-d10	0.4	350.00	87500	*	30	150
			2-Fluorophenol	0.4	401.00	100250	*	10	100
			Phenol-d6	0.4	396.00	99000	*	10	100
			Nitrobenzene-d5	0.4	346.00	86500	*	27	123
			2-Fluorobiphenyl	0.4	341.00	85250	*	34	132
			2,4,6-Tribromophenol	0.4	343.00	85750	*	10	131
			Terphenyl-d14	0.4	371.00	92750	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P4428-01	RW7-SP100-20241(	BN034693.D	2-Methylnaphthalene-d10	0.4	0.25	63		20	139
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.26	65		34	132
			2,4,6-Tribromophenol	0.4	0.19	47		10	131
			Terphenyl-d14	0.4	0.33	81		35	157
P4428-02	RW7-SP201-20241(	BN034710.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.07	16		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.29	73		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.07	16		10	131
			Terphenyl-d14	0.4	0.40	100		35	157
P4428-03	RW7-SP302-20241(	BN034695.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.32	81		27	123
			2-Fluorobiphenyl	0.4	0.34	85		34	132
			2,4,6-Tribromophenol	0.4	0.25	61		10	131
			Terphenyl-d14	0.4	0.36	90		35	157
P4428-04	RW7-SP303-20241(	BN034696.D	2-Methylnaphthalene-d10	0.4	0.29	74		20	139
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.10	24		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.31	79		34	132
			2,4,6-Tribromophenol	0.4	0.13	32		10	131
			Terphenyl-d14	0.4	0.37	93		35	157
PB164229BL	PB164229BL	BN034692.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.27	68		10	100
			Phenol-d6	0.4	0.26	65		10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.32	80		34	132
			2,4,6-Tribromophenol	0.4	0.22	54		10	131
			Terphenyl-d14	0.4	0.34	86		35	157
PB164229BS	PB164229BS	BN034694.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.26	66		10	100
			Phenol-d6	0.4	0.26	64		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
			2-Fluorobiphenyl	0.4	0.32	81		34	132
			2,4,6-Tribromophenol	0.4	0.23	56		10	131
			Terphenyl-d14	0.4	0.42	105		35	157
PB164229BSD	PB164229BSD	BN034704.D	2-Methylnaphthalene-d10	0.4	0.49	123		20	139

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164229BSD	PB164229BSD	BN034704.D	Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.29	74		10	100
			Phenol-d6	0.4	0.29	72		10	100
			Nitrobenzene-d5	0.4	0.33	81		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.23	56		10	131
			Terphenyl-d14	0.4	0.39	97		35	157

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4432-01	LOT-4078A	BN034718.D	2-Methylnaphthalene-d10	0.4	0.16	40		17	161
			Fluoranthene-d10	0.4	0.16	40		23	138
			2-Fluorophenol	0.4	0.16	40		28	122
			Phenol-d6	0.4	0.18	45		25	125
			Nitrobenzene-d5	0.4	0.32	80		33	121
			2-Fluorobiphenyl	0.4	0.20	50		32	121
			2,4,6-Tribromophenol	0.4	0.20	50		19	110
			Terphenyl-d14	0.4	0.20	50		21	130
PB164230BL	PB164230BL	BN034702.D	2-Methylnaphthalene-d10	0.4	0.33	83		17	161
			Fluoranthene-d10	0.4	0.33	83		23	138
			2-Fluorophenol	0.4	0.31	77		28	122
			Phenol-d6	0.4	0.32	79		25	125
			Nitrobenzene-d5	0.4	0.34	85		33	121
			2-Fluorobiphenyl	0.4	0.37	93		32	121
			2,4,6-Tribromophenol	0.4	0.21	53		19	110
			Terphenyl-d14	0.4	0.38	96		21	130
PB164230BS	PB164230BS	BN034707.D	2-Methylnaphthalene-d10	0.4	0.32	81		17	161
			Fluoranthene-d10	0.4	0.31	77		23	138
			2-Fluorophenol	0.4	0.29	73		28	122
			Phenol-d6	0.4	0.29	72		25	125
			Nitrobenzene-d5	0.4	0.34	84		33	121
			2-Fluorobiphenyl	0.4	0.36	90		32	121
			2,4,6-Tribromophenol	0.4	0.24	60		19	110
			Terphenyl-d14	0.4	0.40	100		21	130

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4438-03	VPB190-HYD-202	BN034712.D	2-Methylnaphthalene-d10	0.4	0.02	4	*	20	139
			Fluoranthene-d10	0.4	0.13	34		30	150
			2-Fluorophenol	0.4	0.01	2	*	10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.29	74		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.19	48		10	131
			Terphenyl-d14	0.4	0.37	93		35	157
P4438-04	BP-VPB-190-GW-5	BN034713.D	2-Methylnaphthalene-d10	0.4	0.23	57		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.24	60		27	123
			2-Fluorobiphenyl	0.4	0.24	60		34	132
			2,4,6-Tribromophenol	0.4	0.09	23		10	131
			Terphenyl-d14	0.4	0.34	85		35	157
P4438-05	BP-VPB-190-GW-9	BN034714.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.10	25		10	100
			Nitrobenzene-d5	0.4	0.29	72		27	123
			2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.25	62		10	131
			Terphenyl-d14	0.4	0.41	103		35	157
P4438-06	BP-VPB-190-GW-1	BN034715.D	2-Methylnaphthalene-d10	0.4	0.28	70		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.20	50		10	131
			Terphenyl-d14	0.4	0.42	105		35	157
P4438-07	BP-VPB-190-GW-1	BN034716.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
			2-Fluorophenol	0.4	0.13	34		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.22	54		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P4440-01	BPOW6-11-HYD-2	BN034717.D	2-Methylnaphthalene-d10	0.4	0.09	23		20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.02	6	*	10	100
			Phenol-d6	0.4	0.00	1	*	10	100
			Nitrobenzene-d5	0.4	0.31	78		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.17	43		10	131
			Terphenyl-d14	0.4	0.38	96		35	157
PB164282BL	PB164282BL	BN034705.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164282BL	PB164282BL	BN034705.D	Fluoranthene-d10	0.4	0.34	86		30	150
			2-Fluorophenol	0.4	0.30	75		10	100
			Phenol-d6	0.4	0.31	76		10	100
			Nitrobenzene-d5	0.4	0.34	85		27	123
			2-Fluorobiphenyl	0.4	0.37	91		34	132
			2,4,6-Tribromophenol	0.4	0.21	53		10	131
			Terphenyl-d14	0.4	0.39	97		35	157
PB164282BS	PB164282BS	BN034706.D	2-Methylnaphthalene-d10	0.4	0.50	125		20	139
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.30	75		10	100
			Phenol-d6	0.4	0.31	77		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.36	90		34	132
			2,4,6-Tribromophenol	0.4	0.24	60		10	131
			Terphenyl-d14	0.4	0.36	91		35	157
PB164282BSD	PB164282BSD	BN034711.D	2-Methylnaphthalene-d10	0.4	0.50	125		20	139
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.30	74		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
			2,4,6-Tribromophenol	0.4	0.24	59		10	131
			Terphenyl-d14	0.4	0.37	93		35	157

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Surrogate Summary

SW-846

SDG No.: BN102424

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P4475-04	BP-VPB-190-GW-2	BN034697.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.32	80		34	132
			2,4,6-Tribromophenol	0.4	0.27	68		10	131
			Terphenyl-d14	0.4	0.46	116		35	157
P4475-06	BP-VPB-190-GW-2	BN034698.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.29	73		10	131
			Terphenyl-d14	0.4	0.49	122		35	157
PB164323BL	PB164323BL	BN034703.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.31	76		10	100
			Phenol-d6	0.4	0.32	79		10	100
			Nitrobenzene-d5	0.4	0.34	86		27	123
			2-Fluorobiphenyl	0.4	0.37	93		34	132
			2,4,6-Tribromophenol	0.4	0.22	54		10	131
			Terphenyl-d14	0.4	0.39	97		35	157
PB164323BS	PB164323BS	BN034708.D	2-Methylnaphthalene-d10	0.4	0.47	118		20	139
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.29	73		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
			2,4,6-Tribromophenol	0.4	0.24	59		10	131
			Terphenyl-d14	0.4	0.37	94		35	157
PB164323BSD	PB164323BSD	BN034709.D	2-Methylnaphthalene-d10	0.4	0.49	123		20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.30	75		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.35	86		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.24	61		10	131
			Terphenyl-d14	0.4	0.39	98		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN102424

Lab Code: CHEM SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034683.D DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_N DFTPP Injection Time: 07:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	66.1
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	54.4
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	60.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	20.6
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	7.8
442	Greater than 50% of mass 198	49.2
443	15.0 - 24.0% of mass 442	9.1 (18.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN034684.D	10/24/2024	09:11
SSTDICC0.2	SSTDICC0.2	BN034685.D	10/24/2024	09:47
SSTDICCC0.4	SSTDICCC0.4	BN034686.D	10/24/2024	10:23
SSTDICC0.8	SSTDICC0.8	BN034687.D	10/24/2024	10:59
SSTDICC1.6	SSTDICC1.6	BN034688.D	10/24/2024	11:35
SSTDICC3.2	SSTDICC3.2	BN034689.D	10/24/2024	12:11
SSTDICC5.0	SSTDICC5.0	BN034690.D	10/24/2024	12:48
ICVBN102424	SSTDICV0.4	BN034691.D	10/24/2024	14:14
PB164229BL	PB164229BL	BN034692.D	10/24/2024	14:50
RW7-SP100-20241016	P4428-01	BN034693.D	10/24/2024	15:28
PB164229BS	PB164229BS	BN034694.D	10/24/2024	16:05
RW7-SP302-20241016	P4428-03	BN034695.D	10/24/2024	16:41
RW7-SP303-20241016	P4428-04	BN034696.D	10/24/2024	17:18
BP-VPB-190-GW-238-240	P4475-04	BN034697.D	10/24/2024	17:54
BP-VPB-190-GW-278-280	P4475-06	BN034698.D	10/24/2024	18:30
SSTDCCC0.4EC	SSTDCCC0.4	BN034699.D	10/24/2024	19:06

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN102424

Lab Code: CHEM SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034700.D DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_N DFTPP Injection Time: 20:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	73.1
68	Less than 2.0% of mass 69	0.9 (1.6) 1
69	Mass 69 relative abundance	59.5
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	65.2
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	6.5
275	10.0 - 60.0% of mass 198	20.7
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	7.2
442	Greater than 50% of mass 198	42.4
443	15.0 - 24.0% of mass 442	9.2 (21.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN034701.D	10/24/2024	21:01
PB164230BL	PB164230BL	BN034702.D	10/24/2024	21:38
PB164323BL	PB164323BL	BN034703.D	10/24/2024	22:14
PB164229BSD	PB164229BSD	BN034704.D	10/24/2024	22:50
PB164282BL	PB164282BL	BN034705.D	10/24/2024	23:26
PB164282BS	PB164282BS	BN034706.D	10/25/2024	00:02
PB164230BS	PB164230BS	BN034707.D	10/25/2024	00:38
PB164323BS	PB164323BS	BN034708.D	10/25/2024	01:14
PB164323BSD	PB164323BSD	BN034709.D	10/25/2024	01:50
RW7-SP201-20241016	P4428-02	BN034710.D	10/25/2024	02:26
PB164282BSD	PB164282BSD	BN034711.D	10/25/2024	03:02
VPB190-HYD-20241016	P4438-03	BN034712.D	10/25/2024	03:38
BP-VPB-190-GW-58-60	P4438-04	BN034713.D	10/25/2024	04:14
BP-VPB-190-GW-98-100	P4438-05	BN034714.D	10/25/2024	04:51
BP-VPB-190-GW-158-160	P4438-06	BN034715.D	10/25/2024	05:27
BP-VPB-190-GW-198-200	P4438-07	BN034716.D	10/25/2024	06:03
BPOW6-11-HYD-20241016	P4440-01	BN034717.D	10/25/2024	06:39
LOT-4078A	P4432-01	BN034718.D	10/25/2024	07:15

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN102424

Lab Code: CHEM SAS No.: BN102424 SDG NO.: BN102424

Lab File ID: BN034700.D DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_N DFTPP Injection Time: 20:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	73.1
68	Less than 2.0% of mass 69	0.9 (1.6) 1
69	Mass 69 relative abundance	59.5
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	65.2
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	6.5
275	10.0 - 60.0% of mass 198	20.7
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	7.2
442	Greater than 50% of mass 198	42.4
443	15.0 - 24.0% of mass 442	9.2 (21.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4EC	SSTDCCC0.4	BN034719.D	10/25/2024	07:51