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

LAB CHRONICLE

OrderID:	P4385	**OrderDate:**	10/10/2024 2:00:00 PM
Client:	Scheideler Excavating Co. Inc.	**Project:**	Robbinsville
Contact:	Jim Scheideler	**Location:**	K51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4385-02	**SP-1**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-04	**SP-2**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-06	**SP-3**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-08	**SP-4**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-10	**SP-5**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/23/24	
P4385-12	**SP-6**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/23/24	
P4385-14	**SP-7**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/24/24	
P4385-16	**SP-8**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-18	**SP-9**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/22/24	
P4385-20	**SP-10**	**SOIL**			**10/10/24**			**10/10/24**
			SVOC-TCL BNA -20	8270E		10/11/24	10/23/24	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SP-1									
P4385-02	SP-1	SOIL	.beta.-Sitosterol	*	210.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	1-Heneicosanol	*	230.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
P4385-02	SP-1	SOIL	5-Eicosene, (E)-	*	300.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Behenic alcohol	*	110.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Benzophenone	*	570.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Butane, 2-methoxy-2-methyl-	*	2,800.000	JB	0	0	ug/Kg
P4385-02	SP-1	SOIL	Eicosane	*	80.900	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Hexacosane	*	230.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Methanone, (1-hydroxycyclohexy	*	120.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	n-Hexadecanoic acid	*	240.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Octadecanal	*	81.300	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Oxalic acid, isobutyl heptadecyl e	*	77.400	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Oxirane, hexadecyl-	*	110.000	J	0	0	ug/Kg
P4385-02	SP-1	SOIL	Stigmasterol	*	140.000	J	0	0	ug/Kg
			Total Tics :		**5,489.60**				
			Total Concentration:		**5,489.60**				
Client ID : SP-2									
P4385-04	SP-2	SOIL	.gamma.-Sitosterol	*	280.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	1-Heneicosanol	*	240.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	1-Heptacosanol	*	290.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	AB	0	0	ug/Kg
P4385-04	SP-2	SOIL	Benzophenone	*	460.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Butane, 2-methoxy-2-methyl-	*	2,200.000	JB	0	0	ug/Kg
P4385-04	SP-2	SOIL	Carbonic acid, octadecyl prop-1-e	*	90.700	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Hexacosane	*	81.200	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Methanone, (1-hydroxycyclohexy	*	97.700	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Octacosanol	*	75.300	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Octadecanal	*	150.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Oxirane, heptadecyl-	*	75.600	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Oxirane, hexadecyl-	*	97.300	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	Tetratetracontane	*	210.000	J	0	0	ug/Kg
P4385-04	SP-2	SOIL	unknown17.221	*	170.000	J	0	0	ug/Kg
			Total Tics :		**4,657.80**				
			Total Concentration:		**4,657.80**				
Client ID : SP-3									

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4385-06	SP-3	SOIL	.gamma.-Sitosterol	*	360.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	1,3-Propanediol, 2-dodecyl	*	91.200	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	1-Heneicosanol	*	360.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	1-Octadecene	*	98.300	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	22-Stigmasten-3-one	*	250.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	AB	0	0	ug/Kg
P4385-06	SP-3	SOIL	3-Penten-2-one, 4-methyl-	*	160.000	A	0	0	ug/Kg
P4385-06	SP-3	SOIL	Behenic alcohol	*	130.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Benzophenone	*	510.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Butane, 2-methoxy-2-methyl-	*	3,500.000	JB	0	0	ug/Kg
P4385-06	SP-3	SOIL	Heptadecane	*	140.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Hexacosane	*	140.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Methanone, (1-hydroxycyclohexy	*	100.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Octacosanol	*	410.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Octadecanal	*	140.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Oxirane, hexadecyl-	*	120.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Pentanedioic acid, dimethyl ester	*	82.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Tetracosanal	*	200.000	J	0	0	ug/Kg
P4385-06	SP-3	SOIL	Tetracosane	*	290.000	J	0	0	ug/Kg
			Total Tics :		**7,361.50**				
			Total Concentration:		**7,361.50**				
Client ID :	**SP-4**								
P4385-08	SP-4	SOIL	1-Heneicosanol	*	170.000	J	0	0	ug/Kg
P4385-08	SP-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	AB	0	0	ug/Kg
P4385-08	SP-4	SOIL	Butane, 2-methoxy-2-methyl-	*	2,200.000	JB	0	0	ug/Kg
			Total Tics :		**2,530.00**				
			Total Concentration:		**2,530.00**				
Client ID :	**SP-5**								
P4385-10	SP-5	SOIL	n-Hexadecanoic acid	*	370.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	Octadecanoic acid	*	72.400	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	Pentacosane	*	350.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	Tricosane	*	320.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	1-Tricosene	*	200.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	AB	0	0	ug/Kg
P4385-10	SP-5	SOIL	9-Tricosene, (Z)-	*	320.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	Benzophenone	*	120.000	J	0	0	ug/Kg
P4385-10	SP-5	SOIL	Butane, 2-methoxy-2-methyl-	*	2,500.000	JB	0	0	ug/Kg
P4385-10	SP-5	SOIL	Carbonic acid, octadecyl prop-1-e	*	81.300	J	0	0	ug/Kg
			Total Tics :		**4,513.70**				

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Hit Summary Sheet
SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**4,513.70**				
Client ID : SP-6									
P4385-12	SP-6	SOIL	1-Hexacosene	*	280.000	J	0	0	ug/Kg
P4385-12	SP-6	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0	0	ug/Kg
P4385-12	SP-6	SOIL	Benzophenone	*	130.000	J	0	0	ug/Kg
P4385-12	SP-6	SOIL	Butane, 2-methoxy-2-methyl-	*	2,900.000	JB	0	0	ug/Kg
P4385-12	SP-6	SOIL	Heptadecane	*	82.200	J	0	0	ug/Kg
P4385-12	SP-6	SOIL	n-Hexadecanoic acid	*	340.000	J	0	0	ug/Kg
P4385-12	SP-6	SOIL	Octadecane	*	74.700	J	0	0	ug/Kg
P4385-12	SP-6	SOIL	Supraene	*	91.800	J	0	0	ug/Kg
			Total Tics :		**4,108.70**				
			Total Concentration:		**4,108.70**				
Client ID : SP-7									
P4385-14	SP-7	SOIL	Fluoranthene		89.100	J	86.9	180	ug/Kg
			Total Svoc :		**89.10**				
P4385-14	SP-7	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	AB	0	0	ug/Kg
P4385-14	SP-7	SOIL	Benzophenone	*	110.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Butane, 2-methoxy-2-methyl-	*	2,100.000	JB	0	0	ug/Kg
P4385-14	SP-7	SOIL	Cyclopentadecane	*	200.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Germanicol	*	1,200.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Heneicosane	*	290.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	n-Hexadecanoic acid	*	440.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Octadecanoic acid	*	100.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Oxirane, heptadecyl-	*	250.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Oxirane, hexadecyl-	*	360.000	J	0	0	ug/Kg
P4385-14	SP-7	SOIL	Pentacosane	*	330.000	J	0	0	ug/Kg
			Total Tics :		**5,540.00**				
			Total Concentration:		**5,629.10**				
Client ID : SP-8									
P4385-16	SP-8	SOIL	Fluoranthene		95.300	J	86.4	180	ug/Kg
			Total Svoc :		**95.30**				
P4385-16	SP-8	SOIL	n-Hexadecanoic acid	*	480.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Octadecanal	*	110.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Octadecanoic acid	*	88.900	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Pentadecane, 8-hexyl-	*	180.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Pentanedioic acid, dimethyl ester	*	73.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Tetracosane	*	380.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	1-Heneicosanol	*	210.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4385-16	SP-8	SOIL	9-Tricosene, (Z)-	*	390.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Benzophenone	*	140.000	J	0	0	ug/Kg
P4385-16	SP-8	SOIL	Butane, 2-methoxy-2-methyl-	*	2,500.000	JB	0	0	ug/Kg
P4385-16	SP-8	SOIL	Cyclohexadecane	*	140.000	J	0	0	ug/Kg
			Total Tics :		**4,881.90**				
			Total Concentration:		**4,977.20**				
Client ID : SP-9									
P4385-18	SP-9	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	AB	0	0	ug/Kg
P4385-18	SP-9	SOIL	5-Eicosene, (E)-	*	210.000	J	0	0	ug/Kg
P4385-18	SP-9	SOIL	Benzophenone	*	90.200	J	0	0	ug/Kg
P4385-18	SP-9	SOIL	Butane, 2-methoxy-2-methyl-	*	2,100.000	JB	0	0	ug/Kg
P4385-18	SP-9	SOIL	Heneicosane	*	99.500	J	0	0	ug/Kg
P4385-18	SP-9	SOIL	n-Hexadecanoic acid	*	190.000	J	0	0	ug/Kg
P4385-18	SP-9	SOIL	Nonadecane	*	140.000	J	0	0	ug/Kg
			Total Tics :		**2,949.70**				
			Total Concentration:		**2,949.70**				
Client ID : SP-10									
P4385-20	SP-10	SOIL	Fluoranthene		99.400	J	86.3	180	ug/Kg
			Total Svoc :		**99.40**				
P4385-20	SP-10	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0	0	ug/Kg
P4385-20	SP-10	SOIL	Benzophenone	*	120.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Butane, 2-methoxy-2-methyl-	*	2,400.000	JB	0	0	ug/Kg
P4385-20	SP-10	SOIL	Cyclopentadecane	*	230.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	n-Hexadecanoic acid	*	390.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Nonadecane	*	200.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Octadecanoic acid	*	85.600	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Oxirane, heptadecyl-	*	170.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Oxirane, hexadecyl-	*	130.000	J	0	0	ug/Kg
P4385-20	SP-10	SOIL	Tricosane, 2-methyl-	*	190.000	J	0	0	ug/Kg
			Total Tics :		**4,125.60**				
			Total Concentration:		**4,225.00**				

SAMPLE DATA

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

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139941.D	1	10/11/24 09:38	10/22/24 21:20	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	88.7	U	88.7	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.5	U	89.5	180	ug/Kg
95-57-8	2-Chlorophenol	89.3	U	89.3	180	ug/Kg
95-48-7	2-Methylphenol	86.2	U	86.2	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.2	U	97.2	180	ug/Kg
98-86-2	Acetophenone	92.9	U	92.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.4	U	85.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.1	U	43.1	85.6	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	180	ug/Kg
98-95-3	Nitrobenzene	97.1	U	97.1	180	ug/Kg
78-59-1	Isophorone	90.5	U	90.5	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.7	U	99.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.8	U	91.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.8	U	80.8	180	ug/Kg
91-20-3	Naphthalene	88.3	U	88.3	180	ug/Kg
106-47-8	4-Chloroaniline	88.3	UQ	88.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.1	U	89.1	180	ug/Kg
105-60-2	Caprolactam	92.8	U	92.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.9	U	82.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.2	U	88.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.4	U	76.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.2	U	79.2	180	ug/Kg
92-52-4	1,1-Biphenyl	93.5	U	93.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.1	U	89.1	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	87.4	U	87.4	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139941.D	1	10/11/24 09:38	10/22/24 21:20	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	92.5	U	92.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.0	U	89.0	180	ug/Kg
99-09-2	3-Nitroaniline	95.4	UQ	95.4	180	ug/Kg
83-32-9	Acenaphthene	86.7	U	86.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.2	U	92.2	180	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.6	U	91.6	180	ug/Kg
86-73-7	Fluorene	91.5	U	91.5	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.3	U	87.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.4	U	84.4	180	ug/Kg
118-74-1	Hexachlorobenzene	90.9	U	90.9	180	ug/Kg
1912-24-9	Atrazine	97.8	U	97.8	180	ug/Kg
87-86-5	Pentachlorophenol	82.7	U	82.7	350	ug/Kg
85-01-8	Phenanthrene	89.8	U	89.8	180	ug/Kg
120-12-7	Anthracene	90.3	U	90.3	180	ug/Kg
86-74-8	Carbazole	85.9	U	85.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.2	U	90.2	180	ug/Kg
206-44-0	Fluoranthene	87.4	U	87.4	180	ug/Kg
129-00-0	Pyrene	88.8	U	88.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.3	U	86.3	180	ug/Kg
218-01-9	Chrysene	85.0	U	85.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.3	U	97.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.7	U	86.7	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139941.D	1	10/11/24 09:38	10/22/24 21:20	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	88.3	U	88.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.5	U	99.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.5	U	83.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.9	U	86.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.7	U	85.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.8	U	92.8	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.9	U	79.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.0		30 (18) - 130 (112)	60%	SPK: 150
13127-88-3	Phenol-d6	89.6		30 (15) - 130 (107)	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.7		30 (18) - 130 (107)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.7		30 (20) - 130 (109)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	69.6		30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	52.0		30 (10) - 130 (105)	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.887			
1146-65-2	Naphthalene-d8	521000	8.169			
15067-26-2	Acenaphthene-d10	255000	9.922			
1517-22-2	Phenanthrene-d10	372000	11.41			
1719-03-5	Chrysene-d12	303000	14.045			
1520-96-3	Perylene-d12	325000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	JB		2.19	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		5.11	ug/Kg
000119-61-9	Benzophenone	570	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	120	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	240	J		11.9	ug/Kg
074685-30-6	5-Eicosene, (E)-	300	J		13.9	ug/Kg
1000309-38-2	Oxalic acid, isobutyl heptadecyl e	77.4	J		14.5	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-1	SDG No.:	P4385
Lab Sample ID:	P4385-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139941.D	1	10/11/24 09:38	10/22/24 21:20	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
007390-81-0	Oxirane, hexadecyl-	110	J		15.0	ug/Kg
000112-95-8	Eicosane	80.9	J		15.2	ug/Kg
015594-90-8	1-Heneicosanol	230	J		15.2	ug/Kg
000638-66-4	Octadecanal	81.3	J		15.8	ug/Kg
000630-01-3	Hexacosane	230	J		16.0	ug/Kg
000661-19-8	Behenic alcohol	110	J		16.1	ug/Kg
000083-48-7	Stigmasterol	140	J		17.2	ug/Kg
000083-46-5	.beta.-Sitosterol	210	J		17.6	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139937.D	1	10/11/24 09:38	10/22/24 19:25	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.1	U	87.1	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.9	U	87.9	180	ug/Kg
95-57-8	2-Chlorophenol	87.7	U	87.7	180	ug/Kg
95-48-7	2-Methylphenol	84.6	U	84.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.5	U	95.5	180	ug/Kg
98-86-2	Acetophenone	91.3	U	91.3	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.8	U	83.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	84.0	ug/Kg
67-72-1	Hexachloroethane	87.2	U	87.2	180	ug/Kg
98-95-3	Nitrobenzene	95.4	U	95.4	180	ug/Kg
78-59-1	Isophorone	88.8	U	88.8	180	ug/Kg
88-75-5	2-Nitrophenol	99.2	U	99.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.9	U	97.9	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.1	U	90.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.3	U	79.3	180	ug/Kg
91-20-3	Naphthalene	86.7	U	86.7	180	ug/Kg
106-47-8	4-Chloroaniline	86.7	UQ	86.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.5	U	87.5	180	ug/Kg
105-60-2	Caprolactam	91.2	U	91.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.4	U	81.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.6	U	86.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	UQ	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.0	U	75.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.7	U	77.7	180	ug/Kg
92-52-4	1,1-Biphenyl	91.8	U	91.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.5	U	87.5	180	ug/Kg
88-74-4	2-Nitroaniline	99.8	U	99.8	180	ug/Kg
131-11-3	Dimethylphthalate	85.8	U	85.8	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139937.D	1	10/11/24 09:38	10/22/24 19:25	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.8	U	90.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.4	U	87.4	180	ug/Kg
99-09-2	3-Nitroaniline	93.7	UQ	93.7	180	ug/Kg
83-32-9	Acenaphthene	85.2	U	85.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.6	U	88.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.5	U	90.5	180	ug/Kg
84-66-2	Diethylphthalate	84.1	U	84.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.9	U	89.9	180	ug/Kg
86-73-7	Fluorene	89.8	U	89.8	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.7	U	85.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.9	U	82.9	180	ug/Kg
118-74-1	Hexachlorobenzene	89.3	U	89.3	180	ug/Kg
1912-24-9	Atrazine	96.0	U	96.0	180	ug/Kg
87-86-5	Pentachlorophenol	81.2	U	81.2	350	ug/Kg
85-01-8	Phenanthrene	88.2	U	88.2	180	ug/Kg
120-12-7	Anthracene	88.6	U	88.6	180	ug/Kg
86-74-8	Carbazole	84.3	U	84.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.5	U	88.5	180	ug/Kg
206-44-0	Fluoranthene	85.8	U	85.8	180	ug/Kg
129-00-0	Pyrene	87.2	U	87.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.7	U	84.7	180	ug/Kg
218-01-9	Chrysene	83.5	U	83.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.6	U	95.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.2	U	85.2	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139937.D	1	10/11/24 09:38	10/22/24 19:25	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	86.7	U	86.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.7	U	97.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.0	U	82.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.3	U	85.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.1	U	84.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.2	U	91.2	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.4	U	78.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.0		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	71.0		30 (15) - 130 (107)	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.7		30 (18) - 130 (107)	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.1		30 (20) - 130 (109)	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.4		30 (10) - 130 (116)	32%	SPK: 150
1718-51-0	Terphenyl-d14	43.0		30 (10) - 130 (105)	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	152000	6.887			
1146-65-2	Naphthalene-d8	581000	8.169			
15067-26-2	Acenaphthene-d10	305000	9.922			
1517-22-2	Phenanthrene-d10	450000	11.41			
1719-03-5	Chrysene-d12	326000	14.045			
1520-96-3	Perylene-d12	360000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	JB		2.18	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	AB		5.10	ug/Kg
000119-61-9	Benzophenone	460	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	97.7	J		10.9	ug/Kg
015594-90-8	1-Heneicosanol	240	J		13.9	ug/Kg
1000383-11-5	Carbonic acid, octadecyl prop-1-en	90.7	J		14.5	ug/Kg
000638-66-4	Octadecanal	150	J		15.0	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-2	SDG No.:	P4385
Lab Sample ID:	P4385-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139937.D	1	10/11/24 09:38	10/22/24 19:25	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000630-01-3	Hexacosane	81.2	J		15.2	ug/Kg
002004-39-9	1-Heptacosanol	290	J		15.2	ug/Kg
007390-81-0	Oxirane, hexadecyl-	97.3	J		15.8	ug/Kg
007098-22-8	Tetratetracontane	210	J		16.0	ug/Kg
000557-61-9	Octacosanol	75.3	J		16.1	ug/Kg
067860-04-2	Oxirane, heptadecyl-	75.6	J		16.8	ug/Kg
	unknown17.221	170	J		17.2	ug/Kg
000083-47-6	.gamma.-Sitosterol	280	J		17.6	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139938.D	1	10/11/24 09:38	10/22/24 19:54	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.9	U	87.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.8	U	88.8	180	ug/Kg
95-57-8	2-Chlorophenol	88.6	U	88.6	180	ug/Kg
95-48-7	2-Methylphenol	85.5	U	85.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.4	U	96.4	180	ug/Kg
98-86-2	Acetophenone	92.2	U	92.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.6	U	84.6	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	ug/Kg
67-72-1	Hexachloroethane	88.0	U	88.0	180	ug/Kg
98-95-3	Nitrobenzene	96.3	U	96.3	180	ug/Kg
78-59-1	Isophorone	89.7	U	89.7	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.8	U	98.8	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.0	U	91.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.1	U	80.1	180	ug/Kg
91-20-3	Naphthalene	87.6	U	87.6	180	ug/Kg
106-47-8	4-Chloroaniline	87.6	UQ	87.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.3	U	88.3	180	ug/Kg
105-60-2	Caprolactam	92.1	U	92.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.2	U	82.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.5	U	87.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.7	U	75.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.5	U	78.5	180	ug/Kg
92-52-4	1,1-Biphenyl	92.7	U	92.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.3	U	88.3	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139938.D	1	10/11/24 09:38	10/22/24 19:54	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	91.7	U	91.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.2	U	88.2	180	ug/Kg
99-09-2	3-Nitroaniline	94.6	UQ	94.6	180	ug/Kg
83-32-9	Acenaphthene	86.0	U	86.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.5	U	89.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.4	U	91.4	180	ug/Kg
84-66-2	Diethylphthalate	85.0	U	85.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.8	U	90.8	180	ug/Kg
86-73-7	Fluorene	90.7	U	90.7	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.5	U	86.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.7	U	83.7	180	ug/Kg
118-74-1	Hexachlorobenzene	90.1	U	90.1	180	ug/Kg
1912-24-9	Atrazine	96.9	U	96.9	180	ug/Kg
87-86-5	Pentachlorophenol	82.0	U	82.0	350	ug/Kg
85-01-8	Phenanthrene	89.1	U	89.1	180	ug/Kg
120-12-7	Anthracene	89.5	U	89.5	180	ug/Kg
86-74-8	Carbazole	85.2	U	85.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.4	U	89.4	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	180	ug/Kg
129-00-0	Pyrene	88.0	U	88.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.6	U	85.6	180	ug/Kg
218-01-9	Chrysene	84.3	U	84.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.5	U	96.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.0	U	86.0	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139938.D	1	10/11/24 09:38	10/22/24 19:54	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	87.6	U	87.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.6	U	98.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.8	U	82.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.1	U	86.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.0	U	85.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.1	U	92.1	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.2	U	79.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	110		30 (15) - 130 (107)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.2		30 (18) - 130 (107)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		30 (20) - 130 (109)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.8		30 (10) - 130 (116)	55%	SPK: 150
1718-51-0	Terphenyl-d14	65.9		30 (10) - 130 (105)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.887			
1146-65-2	Naphthalene-d8	526000	8.169			
15067-26-2	Acenaphthene-d10	268000	9.922			
1517-22-2	Phenanthrene-d10	400000	11.41			
1719-03-5	Chrysene-d12	295000	14.051			
1520-96-3	Perylene-d12	332000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	3500	JB		2.19	ug/Kg
000141-79-7	3-Penten-2-one, 4-methyl-	160	A		4.50	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB		5.12	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	82.0	J		7.70	ug/Kg
000119-61-9	Benzophenone	510	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	100	J		10.9	ug/Kg
000112-88-9	1-Octadecene	98.3	J		12.5	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3	SDG No.:	P4385
Lab Sample ID:	P4385-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139938.D	1	10/11/24 09:38	10/22/24 19:54	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
010395-09-2	1,3-Propanediol, 2-dodecyl	91.2	J		13.2	ug/Kg
000557-61-9	Octacosanol	410	J		13.9	ug/Kg
000629-78-7	Heptadecane	140	J		14.5	ug/Kg
057866-08-7	Tetracosanal	200	J		15.0	ug/Kg
000630-01-3	Hexacosane	140	J		15.2	ug/Kg
015594-90-8	1-Heneicosanol	360	J		15.2	ug/Kg
000638-66-4	Octadecanal	140	J		15.8	ug/Kg
000646-31-1	Tetracosane	290	J		16.0	ug/Kg
000661-19-8	Behenic alcohol	130	J		16.1	ug/Kg
007390-81-0	Oxirane, hexadecyl-	120	J		16.8	ug/Kg
004736-95-2	22-Stigmasten-3-one	250	J		17.2	ug/Kg
000083-47-6	.gamma.-Sitosterol	360	J		17.6	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-4	SDG No.:	P4385
Lab Sample ID:	P4385-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	99.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139936.D	1	10/11/24 09:38	10/22/24 18:56	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	330	ug/Kg
108-95-2	Phenol	83.5	U	83.5	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	84.3	U	84.3	170	ug/Kg
95-57-8	2-Chlorophenol	84.1	U	84.1	170	ug/Kg
95-48-7	2-Methylphenol	81.2	U	81.2	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	91.6	U	91.6	170	ug/Kg
98-86-2	Acetophenone	87.6	U	87.6	170	ug/Kg
65794-96-9	3+4-Methylphenols	80.4	U	80.4	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.6	U	40.6	80.6	ug/Kg
67-72-1	Hexachloroethane	83.6	U	83.6	170	ug/Kg
98-95-3	Nitrobenzene	91.5	U	91.5	170	ug/Kg
78-59-1	Isophorone	85.3	U	85.3	170	ug/Kg
88-75-5	2-Nitrophenol	95.2	U	95.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.9	U	93.9	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	86.5	U	86.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	76.1	U	76.1	170	ug/Kg
91-20-3	Naphthalene	83.2	U	83.2	170	ug/Kg
106-47-8	4-Chloroaniline	83.2	UQ	83.2	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	170	ug/Kg
105-60-2	Caprolactam	87.5	U	87.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78.1	U	78.1	170	ug/Kg
91-57-6	2-Methylnaphthalene	83.1	U	83.1	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	UQ	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72.0	U	72.0	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74.6	U	74.6	170	ug/Kg
92-52-4	1,1-Biphenyl	88.1	U	88.1	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.9	U	83.9	170	ug/Kg
88-74-4	2-Nitroaniline	95.7	U	95.7	170	ug/Kg
131-11-3	Dimethylphthalate	82.3	U	82.3	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-4	SDG No.:	P4385
Lab Sample ID:	P4385-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	99.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139936.D	1	10/11/24 09:38	10/22/24 18:56	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	87.2	U	87.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.8	U	83.8	170	ug/Kg
99-09-2	3-Nitroaniline	89.9	UQ	89.9	170	ug/Kg
83-32-9	Acenaphthene	81.7	U	81.7	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	330	ug/Kg
132-64-9	Dibenzofuran	85.1	U	85.1	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.9	U	86.9	170	ug/Kg
84-66-2	Diethylphthalate	80.7	U	80.7	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	86.3	U	86.3	170	ug/Kg
86-73-7	Fluorene	86.2	U	86.2	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	82.2	U	82.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	79.5	U	79.5	170	ug/Kg
118-74-1	Hexachlorobenzene	85.7	U	85.7	170	ug/Kg
1912-24-9	Atrazine	92.1	U	92.1	170	ug/Kg
87-86-5	Pentachlorophenol	77.9	U	77.9	330	ug/Kg
85-01-8	Phenanthrene	84.7	U	84.7	170	ug/Kg
120-12-7	Anthracene	85.1	U	85.1	170	ug/Kg
86-74-8	Carbazole	80.9	U	80.9	170	ug/Kg
84-74-2	Di-n-butylphthalate	85.0	U	85.0	170	ug/Kg
206-44-0	Fluoranthene	82.3	U	82.3	170	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	170	ug/Kg
85-68-7	Butylbenzylphthalate	97.5	U	97.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	99.4	U	99.4	330	ug/Kg
56-55-3	Benzo(a)anthracene	81.3	U	81.3	170	ug/Kg
218-01-9	Chrysene	80.1	U	80.1	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91.7	U	91.7	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.7	U	81.7	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-4	SDG No.:	P4385
Lab Sample ID:	P4385-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	99.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139936.D	1	10/11/24 09:38	10/22/24 18:56	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	83.2	U	83.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	93.7	U	93.7	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.7	U	78.7	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.8	U	81.8	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.7	U	80.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	87.5	U	87.5	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75.3	U	75.3	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.5		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	82.0		30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.6		30 (18) - 130 (107)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.4		30 (20) - 130 (109)	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	40.2	*	30 (10) - 130 (116)	27%	SPK: 150
1718-51-0	Terphenyl-d14	51.7		30 (10) - 130 (105)	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.886			
1146-65-2	Naphthalene-d8	530000	8.169			
15067-26-2	Acenaphthene-d10	284000	9.922			
1517-22-2	Phenanthrene-d10	435000	11.41			
1719-03-5	Chrysene-d12	297000	14.051			
1520-96-3	Perylene-d12	339000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	JB		2.19	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	AB		5.11	ug/Kg
015594-90-8	1-Heneicosanol	170	J		13.9	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	10/10/24
Project:	Robbinsville			Date Received:	10/10/24
Client Sample ID:	SP-4			SDG No.:	P4385
Lab Sample ID:	P4385-08			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	99.1
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139936.D	1	10/11/24 09:38	10/22/24 18:56	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-5	SDG No.:	P4385
Lab Sample ID:	P4385-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139949.D	1	10/11/24 09:38	10/23/24 01:08	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	88.7	U	88.7	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.5	U	89.5	180	ug/Kg
95-57-8	2-Chlorophenol	89.3	U	89.3	180	ug/Kg
95-48-7	2-Methylphenol	86.2	U	86.2	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.2	U	97.2	180	ug/Kg
98-86-2	Acetophenone	92.9	U	92.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.4	U	85.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.1	U	43.1	85.6	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	180	ug/Kg
98-95-3	Nitrobenzene	97.1	U	97.1	180	ug/Kg
78-59-1	Isophorone	90.5	U	90.5	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.7	U	99.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.8	U	91.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.8	U	80.8	180	ug/Kg
91-20-3	Naphthalene	88.3	U	88.3	180	ug/Kg
106-47-8	4-Chloroaniline	88.3	UQ	88.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.1	U	89.1	180	ug/Kg
105-60-2	Caprolactam	92.8	U	92.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.9	U	82.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.2	U	88.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.4	U	76.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.2	U	79.2	180	ug/Kg
92-52-4	1,1-Biphenyl	93.5	U	93.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.1	U	89.1	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	87.4	U	87.4	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-5	SDG No.:	P4385
Lab Sample ID:	P4385-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139949.D	1	10/11/24 09:38	10/23/24 01:08	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	92.5	U	92.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.0	U	89.0	180	ug/Kg
99-09-2	3-Nitroaniline	95.4	UQ	95.4	180	ug/Kg
83-32-9	Acenaphthene	86.7	U	86.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.2	U	92.2	180	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.6	U	91.6	180	ug/Kg
86-73-7	Fluorene	91.5	U	91.5	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.3	U	87.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.4	U	84.4	180	ug/Kg
118-74-1	Hexachlorobenzene	90.9	U	90.9	180	ug/Kg
1912-24-9	Atrazine	97.8	U	97.8	180	ug/Kg
87-86-5	Pentachlorophenol	82.7	U	82.7	350	ug/Kg
85-01-8	Phenanthrene	89.8	U	89.8	180	ug/Kg
120-12-7	Anthracene	90.3	U	90.3	180	ug/Kg
86-74-8	Carbazole	85.9	U	85.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.2	U	90.2	180	ug/Kg
206-44-0	Fluoranthene	87.4	U	87.4	180	ug/Kg
129-00-0	Pyrene	88.8	U	88.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.3	U	86.3	180	ug/Kg
218-01-9	Chrysene	85.0	U	85.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.3	U	97.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.7	U	86.7	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-5	SDG No.:	P4385
Lab Sample ID:	P4385-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139949.D	1	10/11/24 09:38	10/23/24 01:08	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	88.3	U	88.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.5	U	99.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.5	U	83.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.9	U	86.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.7	U	85.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.8	U	92.8	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.9	U	79.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	84.1		30 (18) - 130 (112)	56%	SPK: 150
13127-88-3	Phenol-d6	76.1		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.3		30 (18) - 130 (107)	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.1		30 (20) - 130 (109)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		30 (10) - 130 (116)	67%	SPK: 150
1718-51-0	Terphenyl-d14	54.7		30 (10) - 130 (105)	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.893			
1146-65-2	Naphthalene-d8	355000	8.169			
15067-26-2	Acenaphthene-d10	171000	9.928			
1517-22-2	Phenanthrene-d10	337000	11.41			
1719-03-5	Chrysene-d12	293000	14.051			
1520-96-3	Perylene-d12	206000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	JB		2.17	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	AB		5.11	ug/Kg
000119-61-9	Benzophenone	120	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	370	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	72.4	J		12.7	ug/Kg
027519-02-4	9-Tricosene, (Z)-	320	J		13.9	ug/Kg
1000383-11-5	Carbonic acid, octadecyl prop-1-en	81.3	J		14.5	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	10/10/24
Project:	Robbinsville			Date Received:	10/10/24
Client Sample ID:	SP-5			SDG No.:	P4385
Lab Sample ID:	P4385-10			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	93.4
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139949.D	1	10/11/24 09:38	10/23/24 01:08	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000638-67-5	Tricosane	320	J		15.2	ug/Kg
000629-99-2	Pentacosane	350	J		16.0	ug/Kg
018835-32-0	1-Tricosene	200	J		16.1	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-6	SDG No.:	P4385
Lab Sample ID:	P4385-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139947.D	1	10/11/24 09:38	10/23/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	350	ug/Kg
108-95-2	Phenol	88.9	U	88.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	180	ug/Kg
95-57-8	2-Chlorophenol	89.5	U	89.5	180	ug/Kg
95-48-7	2-Methylphenol	86.4	U	86.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.4	U	97.4	180	ug/Kg
98-86-2	Acetophenone	93.2	U	93.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.5	U	85.5	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.2	U	43.2	85.8	ug/Kg
67-72-1	Hexachloroethane	89.0	U	89.0	180	ug/Kg
98-95-3	Nitrobenzene	97.3	U	97.3	180	ug/Kg
78-59-1	Isophorone	90.7	U	90.7	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.9	U	99.9	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.0	U	92.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.9	U	80.9	180	ug/Kg
91-20-3	Naphthalene	88.6	U	88.6	180	ug/Kg
106-47-8	4-Chloroaniline	88.6	UQ	88.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.3	U	89.3	180	ug/Kg
105-60-2	Caprolactam	93.1	U	93.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.1	U	83.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.4	U	88.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.5	U	76.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.3	U	79.3	180	ug/Kg
92-52-4	1,1-Biphenyl	93.7	U	93.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.3	U	89.3	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	87.6	U	87.6	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-6	SDG No.:	P4385
Lab Sample ID:	P4385-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139947.D	1	10/11/24 09:38	10/23/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	92.7	U	92.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.2	U	89.2	180	ug/Kg
99-09-2	3-Nitroaniline	95.6	UQ	95.6	180	ug/Kg
83-32-9	Acenaphthene	86.9	U	86.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	90.5	U	90.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.4	U	92.4	180	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.8	U	91.8	180	ug/Kg
86-73-7	Fluorene	91.7	U	91.7	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.5	U	87.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.6	U	84.6	180	ug/Kg
118-74-1	Hexachlorobenzene	91.1	U	91.1	180	ug/Kg
1912-24-9	Atrazine	98.0	U	98.0	180	ug/Kg
87-86-5	Pentachlorophenol	82.9	U	82.9	350	ug/Kg
85-01-8	Phenanthrene	90.1	U	90.1	180	ug/Kg
120-12-7	Anthracene	90.5	U	90.5	180	ug/Kg
86-74-8	Carbazole	86.1	U	86.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.4	U	90.4	180	ug/Kg
206-44-0	Fluoranthene	87.6	U	87.6	180	ug/Kg
129-00-0	Pyrene	89.0	U	89.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.5	U	86.5	180	ug/Kg
218-01-9	Chrysene	85.2	U	85.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.6	U	97.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.9	U	86.9	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-6	SDG No.:	P4385
Lab Sample ID:	P4385-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139947.D	1	10/11/24 09:38	10/23/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	88.6	U	88.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.7	U	99.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.7	U	83.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.1	U	87.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.9	U	85.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.1	U	93.1	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.1	U	80.1	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	94.3		30 (18) - 130 (112)	63%	SPK: 150
13127-88-3	Phenol-d6	86.4		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.5		30 (18) - 130 (107)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8		30 (20) - 130 (109)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		30 (10) - 130 (116)	70%	SPK: 150
1718-51-0	Terphenyl-d14	57.4		30 (10) - 130 (105)	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	114000	6.892			
1146-65-2	Naphthalene-d8	384000	8.169			
15067-26-2	Acenaphthene-d10	173000	9.927			
1517-22-2	Phenanthrene-d10	309000	11.41			
1719-03-5	Chrysene-d12	295000	14.051			
1520-96-3	Perylene-d12	215000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	JB		2.18	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB		5.11	ug/Kg
000119-61-9	Benzophenone	130	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	340	J		11.9	ug/Kg
018835-33-1	1-Hexacosene	280	J		13.9	ug/Kg
007683-64-9	Supraene	91.8	J		14.9	ug/Kg
000593-45-3	Octadecane	74.7	J		15.2	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	10/10/24
Project:	Robbinsville			Date Received:	10/10/24
Client Sample ID:	SP-6			SDG No.:	P4385
Lab Sample ID:	P4385-12			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	93
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139947.D	1	10/11/24 09:38	10/23/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000629-78-7	Heptadecane	82.2	J		16.0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/24 09:38	10/24/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	88.2	U	88.2	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.1	U	89.1	180	ug/Kg
95-57-8	2-Chlorophenol	88.8	U	88.8	180	ug/Kg
95-48-7	2-Methylphenol	85.8	U	85.8	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.7	U	96.7	180	ug/Kg
98-86-2	Acetophenone	92.5	U	92.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.9	U	84.9	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.9	U	42.9	85.1	ug/Kg
67-72-1	Hexachloroethane	88.3	U	88.3	180	ug/Kg
98-95-3	Nitrobenzene	96.6	U	96.6	180	ug/Kg
78-59-1	Isophorone	90.0	U	90.0	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.2	U	99.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.3	U	91.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.3	U	80.3	180	ug/Kg
91-20-3	Naphthalene	87.9	U	87.9	180	ug/Kg
106-47-8	4-Chloroaniline	87.9	UQ	87.9	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.6	U	88.6	180	ug/Kg
105-60-2	Caprolactam	92.4	U	92.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.8	U	87.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.0	U	76.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.7	U	78.7	180	ug/Kg
92-52-4	1,1-Biphenyl	93.0	U	93.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.6	U	88.6	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.9	U	86.9	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/24 09:38	10/24/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	92.0	U	92.0	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.5	U	88.5	180	ug/Kg
99-09-2	3-Nitroaniline	94.9	UQ	94.9	180	ug/Kg
83-32-9	Acenaphthene	86.3	U	86.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.8	U	89.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.7	U	91.7	180	ug/Kg
84-66-2	Diethylphthalate	85.2	U	85.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.1	U	91.1	180	ug/Kg
86-73-7	Fluorene	91.0	U	91.0	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.8	U	86.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.9	U	83.9	180	ug/Kg
118-74-1	Hexachlorobenzene	90.4	U	90.4	180	ug/Kg
1912-24-9	Atrazine	97.2	U	97.2	180	ug/Kg
87-86-5	Pentachlorophenol	82.2	U	82.2	350	ug/Kg
85-01-8	Phenanthrene	89.4	U	89.4	180	ug/Kg
120-12-7	Anthracene	89.8	U	89.8	180	ug/Kg
86-74-8	Carbazole	85.4	U	85.4	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.7	U	89.7	180	ug/Kg
206-44-0	Fluoranthene	89.1	J	86.9	180	ug/Kg
129-00-0	Pyrene	88.3	U	88.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.9	U	85.9	180	ug/Kg
218-01-9	Chrysene	84.6	U	84.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.8	U	96.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.3	U	86.3	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/24 09:38	10/24/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	87.9	U	87.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.9	U	98.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.1	U	83.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.4	U	86.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.2	U	85.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.4	U	92.4	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.5	U	79.5	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.3		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	80.0		30 (15) - 130 (107)	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.5		30 (18) - 130 (107)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.6		30 (20) - 130 (109)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.2		30 (10) - 130 (116)	55%	SPK: 150
1718-51-0	Terphenyl-d14	47.9		30 (10) - 130 (105)	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.893			
1146-65-2	Naphthalene-d8	443000	8.169			
15067-26-2	Acenaphthene-d10	205000	9.922			
1517-22-2	Phenanthrene-d10	329000	11.41			
1719-03-5	Chrysene-d12	309000	14.051			
1520-96-3	Perylene-d12	243000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB		2.19	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	AB		5.11	ug/Kg
000119-61-9	Benzophenone	110	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	440	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	100	J		12.7	ug/Kg
000295-48-7	Cyclopentadecane	200	J		13.9	ug/Kg
000629-99-2	Pentacosane	330	J		15.2	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-7	SDG No.:	P4385
Lab Sample ID:	P4385-14	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/24 09:38	10/24/24 00:11	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
067860-04-2	Oxirane, heptadecyl-	250	J		15.8	ug/Kg
000629-94-7	Heneicosane	290	J		16.0	ug/Kg
007390-81-0	Oxirane, hexadecyl-	360	J		16.8	ug/Kg
000465-02-1	Germanicol	1200	J		17.4	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139945.D	1	10/11/24 09:38	10/22/24 23:14	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.7	U	87.7	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	180	ug/Kg
95-57-8	2-Chlorophenol	88.3	U	88.3	180	ug/Kg
95-48-7	2-Methylphenol	85.3	U	85.3	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.2	U	96.2	180	ug/Kg
98-86-2	Acetophenone	91.9	U	91.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.4	U	84.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.6	ug/Kg
67-72-1	Hexachloroethane	87.8	U	87.8	180	ug/Kg
98-95-3	Nitrobenzene	96.1	U	96.1	180	ug/Kg
78-59-1	Isophorone	89.5	U	89.5	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.6	U	98.6	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.8	U	90.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.9	U	79.9	180	ug/Kg
91-20-3	Naphthalene	87.4	U	87.4	180	ug/Kg
106-47-8	4-Chloroaniline	87.4	UQ	87.4	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.1	U	88.1	180	ug/Kg
105-60-2	Caprolactam	91.8	U	91.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.0	U	82.0	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.3	U	87.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.5	U	75.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.3	U	78.3	180	ug/Kg
92-52-4	1,1-Biphenyl	92.5	U	92.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.1	U	88.1	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.4	U	86.4	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139945.D	1	10/11/24 09:38	10/22/24 23:14	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	91.5	U	91.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.0	U	88.0	180	ug/Kg
99-09-2	3-Nitroaniline	94.4	UQ	94.4	180	ug/Kg
83-32-9	Acenaphthene	85.8	U	85.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.3	U	89.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.2	U	91.2	180	ug/Kg
84-66-2	Diethylphthalate	84.7	U	84.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.6	U	90.6	180	ug/Kg
86-73-7	Fluorene	90.5	U	90.5	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.3	U	86.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.5	U	83.5	180	ug/Kg
118-74-1	Hexachlorobenzene	89.9	U	89.9	180	ug/Kg
1912-24-9	Atrazine	96.7	U	96.7	180	ug/Kg
87-86-5	Pentachlorophenol	81.8	U	81.8	350	ug/Kg
85-01-8	Phenanthrene	88.9	U	88.9	180	ug/Kg
120-12-7	Anthracene	89.3	U	89.3	180	ug/Kg
86-74-8	Carbazole	85.0	U	85.0	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.2	U	89.2	180	ug/Kg
206-44-0	Fluoranthene	95.3	J	86.4	180	ug/Kg
129-00-0	Pyrene	87.8	U	87.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.4	U	85.4	180	ug/Kg
218-01-9	Chrysene	84.1	U	84.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.3	U	96.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.8	U	85.8	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139945.D	1	10/11/24 09:38	10/22/24 23:14	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	87.4	U	87.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.4	U	98.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.6	U	82.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.9	U	85.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.7	U	84.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.8	U	91.8	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.0	U	79.0	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.3		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	86.2		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.1		30 (18) - 130 (107)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		30 (20) - 130 (109)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	102		30 (10) - 130 (116)	68%	SPK: 150
1718-51-0	Terphenyl-d14	56.6		30 (10) - 130 (105)	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.893			
1146-65-2	Naphthalene-d8	400000	8.169			
15067-26-2	Acenaphthene-d10	182000	9.928			
1517-22-2	Phenanthrene-d10	308000	11.41			
1719-03-5	Chrysene-d12	298000	14.051			
1520-96-3	Perylene-d12	223000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	JB		2.18	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		5.11	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	73.0	J		7.70	ug/Kg
000119-61-9	Benzophenone	140	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	480	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	88.9	J		12.7	ug/Kg
027519-02-4	9-Tricosene, (Z)-	390	J		13.9	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-8	SDG No.:	P4385
Lab Sample ID:	P4385-16	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139945.D	1	10/11/24 09:38	10/22/24 23:14	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000295-65-8	Cyclohexadecane	140	J		14.5	ug/Kg
000646-31-1	Tetracosane	380	J		15.2	ug/Kg
000638-66-4	Octadecanal	110	J		15.8	ug/Kg
013475-75-7	Pentadecane, 8-hexyl-	180	J		16.0	ug/Kg
015594-90-8	1-Heneicosanol	210	J		16.1	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139946.D	1	10/11/24 09:38	10/22/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	88.7	U	88.7	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.6	U	89.6	180	ug/Kg
95-57-8	2-Chlorophenol	89.3	U	89.3	180	ug/Kg
95-48-7	2-Methylphenol	86.2	U	86.2	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.3	U	97.3	180	ug/Kg
98-86-2	Acetophenone	93.0	U	93.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.4	U	85.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.1	U	43.1	85.6	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	180	ug/Kg
98-95-3	Nitrobenzene	97.2	U	97.2	180	ug/Kg
78-59-1	Isophorone	90.5	U	90.5	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.7	U	99.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.8	U	91.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.8	U	80.8	180	ug/Kg
91-20-3	Naphthalene	88.4	U	88.4	180	ug/Kg
106-47-8	4-Chloroaniline	88.4	UQ	88.4	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.1	U	89.1	180	ug/Kg
105-60-2	Caprolactam	92.9	U	92.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.9	U	82.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.3	U	88.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.4	U	76.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.2	U	79.2	180	ug/Kg
92-52-4	1,1-Biphenyl	93.5	U	93.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.1	U	89.1	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	87.4	U	87.4	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139946.D	1	10/11/24 09:38	10/22/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	92.6	U	92.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.0	U	89.0	180	ug/Kg
99-09-2	3-Nitroaniline	95.4	UQ	95.4	180	ug/Kg
83-32-9	Acenaphthene	86.8	U	86.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.2	U	92.2	180	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.6	U	91.6	180	ug/Kg
86-73-7	Fluorene	91.5	U	91.5	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.3	U	87.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.4	U	84.4	180	ug/Kg
118-74-1	Hexachlorobenzene	90.9	U	90.9	180	ug/Kg
1912-24-9	Atrazine	97.8	U	97.8	180	ug/Kg
87-86-5	Pentachlorophenol	82.7	U	82.7	350	ug/Kg
85-01-8	Phenanthrene	89.9	U	89.9	180	ug/Kg
120-12-7	Anthracene	90.3	U	90.3	180	ug/Kg
86-74-8	Carbazole	85.9	U	85.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.2	U	90.2	180	ug/Kg
206-44-0	Fluoranthene	87.4	U	87.4	180	ug/Kg
129-00-0	Pyrene	88.8	U	88.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.3	U	86.3	180	ug/Kg
218-01-9	Chrysene	85.1	U	85.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.4	U	97.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.8	U	86.8	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139946.D	1	10/11/24 09:38	10/22/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	88.4	U	88.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.5	U	99.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.6	U	83.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.9	U	86.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.7	U	85.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.9	U	92.9	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.9	U	79.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	56.0		30 (18) - 130 (112)	37%	SPK: 150
13127-88-3	Phenol-d6	51.0		30 (15) - 130 (107)	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.9		30 (18) - 130 (107)	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.2		30 (20) - 130 (109)	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.7		30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	34.2		30 (10) - 130 (105)	34%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.893			
1146-65-2	Naphthalene-d8	413000	8.169			
15067-26-2	Acenaphthene-d10	188000	9.922			
1517-22-2	Phenanthrene-d10	327000	11.41			
1719-03-5	Chrysene-d12	323000	14.051			
1520-96-3	Perylene-d12	235000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB		2.17	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	AB		5.10	ug/Kg
000119-61-9	Benzophenone	90.2	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	190	J		11.9	ug/Kg
074685-30-6	5-Eicosene, (E)-	210	J		13.9	ug/Kg
000629-92-5	Nonadecane	140	J		15.2	ug/Kg
000629-94-7	Heneicosane	99.5	J		16.0	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-9	SDG No.:	P4385
Lab Sample ID:	P4385-18	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139946.D	1	10/11/24 09:38	10/22/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/24 09:38	10/23/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.6	U	87.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.4	U	88.4	180	ug/Kg
95-57-8	2-Chlorophenol	88.2	U	88.2	180	ug/Kg
95-48-7	2-Methylphenol	85.2	U	85.2	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.0	U	96.0	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.3	U	84.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.5	ug/Kg
67-72-1	Hexachloroethane	87.7	U	87.7	180	ug/Kg
98-95-3	Nitrobenzene	95.9	U	95.9	180	ug/Kg
78-59-1	Isophorone	89.4	U	89.4	180	ug/Kg
88-75-5	2-Nitrophenol	99.8	U	99.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.5	U	98.5	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.6	U	90.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.8	U	79.8	180	ug/Kg
91-20-3	Naphthalene	87.3	U	87.3	180	ug/Kg
106-47-8	4-Chloroaniline	87.3	UQ	87.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.0	U	88.0	180	ug/Kg
105-60-2	Caprolactam	91.7	U	91.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.9	U	81.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.2	U	87.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	UQ	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.4	U	75.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.2	U	78.2	180	ug/Kg
92-52-4	1,1-Biphenyl	92.3	U	92.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.0	U	88.0	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.3	U	86.3	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/24 09:38	10/23/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	91.4	U	91.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.9	U	87.9	180	ug/Kg
99-09-2	3-Nitroaniline	94.2	UQ	94.2	180	ug/Kg
83-32-9	Acenaphthene	85.7	U	85.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.2	U	89.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.1	U	91.1	180	ug/Kg
84-66-2	Diethylphthalate	84.6	U	84.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	180	ug/Kg
86-73-7	Fluorene	90.3	U	90.3	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.2	U	86.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.4	U	83.4	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	180	ug/Kg
1912-24-9	Atrazine	96.6	U	96.6	180	ug/Kg
87-86-5	Pentachlorophenol	81.7	U	81.7	350	ug/Kg
85-01-8	Phenanthrene	88.7	U	88.7	180	ug/Kg
120-12-7	Anthracene	89.2	U	89.2	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.1	U	89.1	180	ug/Kg
206-44-0	Fluoranthene	99.4	J	86.3	180	ug/Kg
129-00-0	Pyrene	87.7	U	87.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.3	U	85.3	180	ug/Kg
218-01-9	Chrysene	84.0	U	84.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.1	U	96.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.7	U	85.7	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/24 09:38	10/23/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	87.3	U	87.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.3	U	98.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.5	U	82.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.8	U	85.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.6	U	84.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.7	U	91.7	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.9	U	78.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	103		30 (18) - 130 (112)	68%	SPK: 150
13127-88-3	Phenol-d6	96.6		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		30 (18) - 130 (107)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.9		30 (20) - 130 (109)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.6		30 (10) - 130 (116)	65%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		30 (10) - 130 (105)	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.893			
1146-65-2	Naphthalene-d8	486000	8.169			
15067-26-2	Acenaphthene-d10	229000	9.922			
1517-22-2	Phenanthrene-d10	357000	11.41			
1719-03-5	Chrysene-d12	325000	14.051			
1520-96-3	Perylene-d12	261000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	JB		2.21	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB		5.12	ug/Kg
000119-61-9	Benzophenone	120	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	85.6	J		12.7	ug/Kg
000295-48-7	Cyclopentadecane	230	J		13.9	ug/Kg
000629-92-5	Nonadecane	200	J		15.2	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-10	SDG No.:	P4385
Lab Sample ID:	P4385-20	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/24 09:38	10/23/24 23:43	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
007390-81-0	Oxirane, hexadecyl-	130	J		15.8	ug/Kg
001928-30-9	Tricosane, 2-methyl-	190	J		16.0	ug/Kg
067860-04-2	Oxirane, heptadecyl-	170	J		16.8	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4385-02	SP-1	2-Fluorophenol	150	90.0	60		30 (18)	130 (112)
		Phenol-d6	150	89.6	60		30 (15)	130 (107)
		Nitrobenzene-d5	100	68.7	69		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.7	74		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	69.6	46		30 (10)	130 (116)
		Terphenyl-d14	100	52.0	52		30 (10)	130 (105)
P4385-04	SP-2	2-Fluorophenol	150	73.0	49		30 (18)	130 (112)
		Phenol-d6	150	71.0	47		30 (15)	130 (107)
		Nitrobenzene-d5	100	53.7	54		30 (18)	130 (107)
		2-Fluorobiphenyl	100	57.1	57		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	47.4	32		30 (10)	130 (116)
		Terphenyl-d14	100	43.0	43		30 (10)	130 (105)
P4385-06	SP-3	2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	110	73		30 (15)	130 (107)
		Nitrobenzene-d5	100	83.2	83		30 (18)	130 (107)
		2-Fluorobiphenyl	100	85.9	86		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	81.8	55		30 (10)	130 (116)
		Terphenyl-d14	100	65.9	66		30 (10)	130 (105)
P4385-06MS	SP-3MS	2-Fluorophenol	150	115	77		30 (18)	130 (112)
		Phenol-d6	150	113	75		30 (15)	130 (107)
		Nitrobenzene-d5	100	86.1	86		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.1	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	122	81		30 (10)	130 (116)
		Terphenyl-d14	100	84.2	84		30 (10)	130 (105)
P4385-06MSD	SP-3MSD	2-Fluorophenol	150	117	78		30 (18)	130 (112)
		Phenol-d6	150	116	77		30 (15)	130 (107)
		Nitrobenzene-d5	100	87.2	87		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.0	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	123	82		30 (10)	130 (116)
		Terphenyl-d14	100	82.8	83		30 (10)	130 (105)
P4385-08	SP-4	2-Fluorophenol	150	82.5	55		30 (18)	130 (112)
		Phenol-d6	150	82.0	55		30 (15)	130 (107)
		Nitrobenzene-d5	100	62.6	63		30 (18)	130 (107)
		2-Fluorobiphenyl	100	65.4	65		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	40.2	27	*	30 (10)	130 (116)
		Terphenyl-d14	100	51.7	52		30 (10)	130 (105)
P4385-10	SP-5	2-Fluorophenol	150	84.1	56		30 (18)	130 (112)
		Phenol-d6	150	76.1	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	65.3	65		30 (18)	130 (107)
		2-Fluorobiphenyl	100	70.1	70		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	101	67		30 (10)	130 (116)
		Terphenyl-d14	100	54.7	55		30 (10)	130 (105)
P4385-12	SP-6	2-Fluorophenol	150	94.3	63		30 (18)	130 (112)
		Phenol-d6	150	86.4	58		30 (15)	130 (107)
		Nitrobenzene-d5	100	73.5	74		30 (18)	130 (107)
		2-Fluorobiphenyl	100	80.8	81		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	105	70		30 (10)	130 (116)
		Terphenyl-d14	100	57.4	57		30 (10)	130 (105)
P4385-14	SP-7	2-Fluorophenol	150	85.3	57		30 (18)	130 (112)
		Phenol-d6	150	80.0	53		30 (15)	130 (107)
		Nitrobenzene-d5	100	63.5	63		30 (18)	130 (107)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4385-14	SP-7	2-Fluorobiphenyl	100	70.6	71		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	82.2	55		30 (10)	130 (116)
		Terphenyl-d14	100	47.9	48		30 (10)	130 (105)
P4385-16	SP-8	2-Fluorophenol	150	95.3	64		30 (18)	130 (112)
		Phenol-d6	150	86.2	57		30 (15)	130 (107)
		Nitrobenzene-d5	100	76.1	76		30 (18)	130 (107)
		2-Fluorobiphenyl	100	81.7	82		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	102	68		30 (10)	130 (116)
		Terphenyl-d14	100	56.6	57		30 (10)	130 (105)
P4385-18	SP-9	2-Fluorophenol	150	56.0	37		30 (18)	130 (112)
		Phenol-d6	150	51.0	34		30 (15)	130 (107)
		Nitrobenzene-d5	100	45.9	46		30 (18)	130 (107)
		2-Fluorobiphenyl	100	48.2	48		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	60.7	40		30 (10)	130 (116)
		Terphenyl-d14	100	34.2	34		30 (10)	130 (105)
P4385-20	SP-10	2-Fluorophenol	150	103	68		30 (18)	130 (112)
		Phenol-d6	150	96.6	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	77.3	77		30 (18)	130 (107)
		2-Fluorobiphenyl	100	82.9	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	97.6	65		30 (10)	130 (116)
		Terphenyl-d14	100	56.8	57		30 (10)	130 (105)
PB164071BL	PB164071BL	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	98.9	99		30 (18)	130 (107)
		2-Fluorobiphenyl	100	93.6	94		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	150	100		30 (10)	130 (116)
		Terphenyl-d14	100	90.0	90		30 (10)	130 (105)
PB164071BS	PB164071BS	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	98.9	99		30 (18)	130 (107)
		2-Fluorobiphenyl	100	93.3	93		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	103		30 (10)	130 (116)
		Terphenyl-d14	100	113	113		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4385-06MS		**Client Sample ID: SP-3MS**						**DataFile: BF139902.D**			
Benzaldehyde	1800	0	760	ug/Kg	42				20 (10)	160 (86)	
Phenol	1800	0	1900	ug/Kg	106				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1800	0	1800	ug/Kg	100				70 (54)	130 (125)	
2-Chlorophenol	1800	0	1900	ug/Kg	106				70 (79)	130 (107)	
2-Methylphenol	1800	0	1900	ug/Kg	106				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1800	0	1800	ug/Kg	100				70 (65)	130 (110)	
Acetophenone	1800	0	1800	ug/Kg	100				70 (75)	130 (111)	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1800	0	1800	ug/Kg	100				70 (59)	130 (119)	
Hexachloroethane	1800	0	1800	ug/Kg	100				20 (65)	160 (117)	
Nitrobenzene	1800	0	1700	ug/Kg	94				70 (70)	130 (119)	
Isophorone	1800	0	1800	ug/Kg	100				70 (76)	130 (122)	
2-Nitrophenol	1800	0	2100	ug/Kg	117				70 (54)	130 (145)	
2,4-Dimethylphenol	1800	0	2000	ug/Kg	111				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1800	0	1800	ug/Kg	100				70 (68)	130 (112)	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				70 (72)	130 (118)	
Naphthalene	1800	0	1700	ug/Kg	94				70 (72)	130 (110)	
4-Chloroaniline	1800	0	370	ug/Kg	21	*			70 (10)	130 (91)	
Hexachlorobutadiene	1800	0	1700	ug/Kg	94				70 (66)	130 (114)	
Caprolactam	1800	0	1900	ug/Kg	106				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1800	0	1800	ug/Kg	100				70 (57)	130 (132)	
2-Methylnaphthalene	1800	0	1800	ug/Kg	100				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3500	0	5400	ug/Kg	154				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1800	0	1900	ug/Kg	106				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1800	0	1800	ug/Kg	100				70 (72)	130 (117)	
1,1-Biphenyl	1800	0	1800	ug/Kg	100				70 (75)	130 (113)	
2-Chloronaphthalene	1800	0	1800	ug/Kg	100				70 (67)	130 (118)	
2-Nitroaniline	1800	0	2000	ug/Kg	111				70 (69)	130 (127)	
Dimethylphthalate	1800	0	1900	ug/Kg	106				70 (70)	130 (113)	
Acenaphthylene	1800	0	1900	ug/Kg	106				70 (79)	130 (118)	
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106				70 (70)	130 (125)	
3-Nitroaniline	1800	0	1100	ug/Kg	61	*			70 (30)	130 (99)	
Acenaphthene	1800	0	2000	ug/Kg	111				70 (70)	130 (121)	
2,4-Dinitrophenol	3500	0	4200	ug/Kg	120				20 (10)	160 (155)	
4-Nitrophenol	3500	0	3600	ug/Kg	103				20 (45)	160 (133)	
Dibenzofuran	1800	0	1800	ug/Kg	100				70 (72)	130 (110)	
2,4-Dinitrotoluene	1800	0	2000	ug/Kg	111				70 (55)	130 (128)	
Diethylphthalate	1800	0	1800	ug/Kg	100				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1800	0	1700	ug/Kg	94				70 (71)	130 (108)	
Fluorene	1800	0	1700	ug/Kg	94				70 (68)	130 (116)	
4-Nitroaniline	1800	0	1800	ug/Kg	100				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1800	0	2400	ug/Kg	133	*			70 (10)	130 (160)	
N-Nitrosodiphenylamine	1800	0	1800	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				70 (65)	130 (121)	
Hexachlorobenzene	1800	0	1800	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1800	0	2200	ug/Kg	122				70 (79)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3500	0	3400	ug/Kg	97				20 (47)	160 (128)	
Phenanthrene	1800	0	1800	ug/Kg	100				70 (52)	130 (128)	
Anthracene	1800	0	1800	ug/Kg	100				70 (62)	130 (124)	
Carbazole	1800	0	1700	ug/Kg	94				70 (59)	130 (119)	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				70 (69)	130 (118)	
Fluoranthene	1800	0	1700	ug/Kg	94				70 (44)	130 (125)	
Pyrene	1800	0	1700	ug/Kg	94				70 (26)	130 (142)	
Butylbenzylphthalate	1800	0	2200	ug/Kg	122				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1800	0	970	ug/Kg	54	*			70 (33)	130 (116)	
Benzo(a)anthracene	1800	0	1900	ug/Kg	106				70 (71)	130 (114)	
Chrysene	1800	0	1900	ug/Kg	106				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1800	0	2500	ug/Kg	139	*			70 (42)	130 (169)	
Di-n-octyl phthalate	1800	0	2300	ug/Kg	128				70 (23)	130 (175)	
Benzo(b)fluoranthene	1800	0	1900	ug/Kg	106				70 (67)	130 (121)	
Benzo(k)fluoranthene	1800	0	1700	ug/Kg	94				70 (57)	130 (134)	
Benzo(a)pyrene	1800	0	2000	ug/Kg	111				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1800	0	1700	ug/Kg	94				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1800	0	1700	ug/Kg	94				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1800	0	1500	ug/Kg	83				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1800	0	1800	ug/Kg	100				70 (69)	130 (124)	
1,4-Dioxane	1800	0	1700	ug/Kg	94				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106				70 (69)	130 (112)	

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4385-06MSD		**Client Sample ID: SP-3MSD**						**DataFile: BF139903.D**			
Benzaldehyde	1800	0	780	ug/Kg	43		2		20 (10)	160 (86)	30 (20)
Phenol	1800	0	1900	ug/Kg	106		0		20 (67)	160 (126)	30 (20)
bis(2-Chloroethyl)ether	1800	0	1900	ug/Kg	106		6		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1800	0	1900	ug/Kg	106		0		70 (79)	130 (107)	30 (20)
2-Methylphenol	1800	0	1900	ug/Kg	106		0		70 (66)	130 (122)	30 (20)
2,2-oxybis(1-Chloropropane)	1800	0	1900	ug/Kg	106		6		70 (65)	130 (110)	30 (20)
Acetophenone	1800	0	1700	ug/Kg	94		6		70 (75)	130 (111)	30 (20)
3+4-Methylphenols	1800	0	1800	ug/Kg	100		0		20 (66)	160 (104)	30 (20)
N-Nitroso-di-n-propylamine	1800	0	1800	ug/Kg	100		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1800	0	1800	ug/Kg	100		0		20 (65)	160 (117)	30 (20)
Nitrobenzene	1800	0	1800	ug/Kg	100		6		70 (70)	130 (119)	30 (20)
Isophorone	1800	0	1800	ug/Kg	100		0		70 (76)	130 (122)	30 (20)
2-Nitrophenol	1800	0	2200	ug/Kg	122		4		70 (54)	130 (145)	30 (20)
2,4-Dimethylphenol	1800	0	2100	ug/Kg	117		5		70 (44)	130 (135)	30 (20)
bis(2-Chloroethoxy)methane	1800	0	1800	ug/Kg	100		0		70 (68)	130 (112)	30 (20)
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100		0		70 (72)	130 (118)	30 (20)
Naphthalene	1800	0	1800	ug/Kg	100		6		70 (72)	130 (110)	30 (20)
4-Chloroaniline	1800	0	340	ug/Kg	19	*	10		70 (10)	130 (91)	30 (20)
Hexachlorobutadiene	1800	0	1800	ug/Kg	100		6		70 (66)	130 (114)	30 (20)
Caprolactam	1800	0	1900	ug/Kg	106		0		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1800	0	1800	ug/Kg	100		0		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1800	0	1800	ug/Kg	100		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	3500	0	5600	ug/Kg	160		4		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111		5		70 (72)	130 (117)	30 (20)
2,4,5-Trichlorophenol	1800	0	1800	ug/Kg	100		0		70 (72)	130 (117)	30 (20)
1,1-Biphenyl	1800	0	1800	ug/Kg	100		0		70 (75)	130 (113)	30 (20)
2-Chloronaphthalene	1800	0	1800	ug/Kg	100		0		70 (67)	130 (118)	30 (20)
2-Nitroaniline	1800	0	2000	ug/Kg	111		0		70 (69)	130 (127)	30 (20)
Dimethylphthalate	1800	0	1900	ug/Kg	106		0		70 (70)	130 (113)	30 (20)
Acenaphthylene	1800	0	1900	ug/Kg	106		0		70 (79)	130 (118)	30 (20)
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106		0		70 (70)	130 (125)	30 (20)
3-Nitroaniline	1800	0	1100	ug/Kg	61	*	0		70 (30)	130 (99)	30 (20)
Acenaphthene	1800	0	2000	ug/Kg	111		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	3500	0	4400	ug/Kg	126		5		20 (10)	160 (155)	30 (20)
4-Nitrophenol	3500	0	3700	ug/Kg	106		3		20 (45)	160 (133)	30 (20)
Dibenzofuran	1800	0	1800	ug/Kg	100		0		70 (72)	130 (110)	30 (20)
2,4-Dinitrotoluene	1800	0	2000	ug/Kg	111		0		70 (55)	130 (128)	30 (20)
Diethylphthalate	1800	0	1800	ug/Kg	100		0		70 (70)	130 (112)	30 (20)
4-Chlorophenyl-phenylether	1800	0	1700	ug/Kg	94		0		70 (71)	130 (108)	30 (20)
Fluorene	1800	0	1700	ug/Kg	94		0		70 (68)	130 (116)	30 (20)
4-Nitroaniline	1800	0	1800	ug/Kg	100		0		70 (55)	130 (120)	30 (20)
4,6-Dinitro-2-methylphenol	1800	0	2500	ug/Kg	139	*	4		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1800	0	1900	ug/Kg	106		6		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1800	0	1800	ug/Kg	100		0		70 (67)	130 (118)	30 (20)
Atrazine	1800	0	2200	ug/Kg	122		0		70 (79)	130 (127)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3500	0	3500	ug/Kg	100		3		20 (47)	160 (128)	30 (20)
Phenanthrene	1800	0	1800	ug/Kg	100		0		70 (52)	130 (128)	30 (20)
Anthracene	1800	0	1800	ug/Kg	100		0		70 (62)	130 (124)	30 (20)
Carbazole	1800	0	1700	ug/Kg	94		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1800	0	1800	ug/Kg	100		0		70 (69)	130 (118)	30 (20)
Fluoranthene	1800	0	1700	ug/Kg	94		0		70 (44)	130 (125)	30 (20)
Pyrene	1800	0	1700	ug/Kg	94		0		70 (26)	130 (142)	30 (20)
Butylbenzylphthalate	1800	0	2200	ug/Kg	122		0		70 (64)	130 (126)	30 (20)
3,3-Dichlorobenzidine	1800	0	970	ug/Kg	54	*	0		70 (33)	130 (116)	30 (20)
Benzo(a)anthracene	1800	0	1900	ug/Kg	106		0		70 (71)	130 (114)	30 (20)
Chrysene	1800	0	1900	ug/Kg	106		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1800	0	2500	ug/Kg	139	*	0		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1800	0	2300	ug/Kg	128		0		70 (23)	130 (175)	30 (20)
Benzo(b)fluoranthene	1800	0	1900	ug/Kg	106		0		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100		6		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1800	0	2000	ug/Kg	111		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1800	0	1600	ug/Kg	89		5		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1800	0	1600	ug/Kg	89		5		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1800	0	1400	ug/Kg	78		6		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1800	0	1800	ug/Kg	100		0		70 (69)	130 (124)	30 (20)
1,4-Dioxane	1800	0	1700	ug/Kg	94		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106		0		70 (69)	130 (112)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8270E **DataFile:** BF139921.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164071BS	Benzaldehyde	1700	640	ug/Kg	38				20 (10)	160 (133)	
	Phenol	1700	1600	ug/Kg	94				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				70 (60)	130 (101)	
	2-Chlorophenol	1700	1700	ug/Kg	100				70 (65)	130 (112)	
	2-Methylphenol	1700	1700	ug/Kg	100				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				70 (63)	130 (95)	
	Hexachloroethane	1700	1600	ug/Kg	94				20 (72)	160 (108)	
	Nitrobenzene	1700	1600	ug/Kg	94				70 (57)	130 (101)	
	Isophorone	1700	1700	ug/Kg	100				70 (59)	130 (99)	
	2-Nitrophenol	1700	1900	ug/Kg	112				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				70 (62)	130 (107)	
	Naphthalene	1700	1600	ug/Kg	94				70 (62)	130 (100)	
	4-Chloroaniline	1700	670	ug/Kg	39		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				70 (53)	130 (98)	
	Caprolactam	1700	1700	ug/Kg	100				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	6200	ug/Kg	188		*		20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				70 (58)	130 (99)	
	2-Nitroaniline	1700	1800	ug/Kg	106				70 (66)	130 (101)	
	Dimethylphthalate	1700	1700	ug/Kg	100				70 (61)	130 (99)	
	Acenaphthylene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1100	ug/Kg	65		*		70 (28)	130 (100)	
	Acenaphthene	1700	1800	ug/Kg	106				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	4200	ug/Kg	127				20 (37)	160 (128)	
	4-Nitrophenol	3300	3600	ug/Kg	109				20 (48)	160 (119)	
	Dibenzofuran	1700	1600	ug/Kg	94				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112				70 (60)	130 (106)	
	Diethylphthalate	1700	1600	ug/Kg	94				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				70 (58)	130 (98)	
	Fluorene	1700	1600	ug/Kg	94				70 (61)	130 (101)	
	4-Nitroaniline	1700	1700	ug/Kg	100				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				70 (66)	130 (102)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8270E **DataFile:** BF139921.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164071BS	Hexachlorobenzene	1700	1700	ug/Kg	100				70 (64)	130 (98)	
	Atrazine	1700	1900	ug/Kg	112				70 (47)	130 (152)	
	Pentachlorophenol	3300	3400	ug/Kg	103				20 (67)	160 (105)	
	Phenanthrene	1700	1700	ug/Kg	100				70 (59)	130 (103)	
	Anthracene	1700	1700	ug/Kg	100				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)	
	Pyrene	1700	1900	ug/Kg	112				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1900	ug/Kg	112				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1800	ug/Kg	106				70 (60)	130 (102)	
	Chrysene	1700	1800	ug/Kg	106				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	2000	ug/Kg	118				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1900	ug/Kg	112				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	2000	ug/Kg	118				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1300	ug/Kg	76				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				70 (59)	130 (108)	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164071BL

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139920.D Lab Sample ID: PB164071BL

Instrument ID: BNA_F Date Extracted: 10/11/2024

Matrix: (soil/water) SOIL Date Analyzed: 10/22/2024

Level: (low/med) LOW Time Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164071BS	PB164071BS	BF139921.D	10/22/2024
SP-8	P4385-16	BF139945.D	10/22/2024
SP-9	P4385-18	BF139946.D	10/22/2024
SP-6	P4385-12	BF139947.D	10/23/2024
SP-5	P4385-10	BF139949.D	10/23/2024
SP-10	P4385-20	BF139982.D	10/23/2024
SP-7	P4385-14	BF139983.D	10/24/2024
SP-3MS	P4385-06MS	BF139902.D	10/21/2024
SP-3MSD	P4385-06MSD	BF139903.D	10/21/2024
SP-4	P4385-08	BF139936.D	10/22/2024
SP-2	P4385-04	BF139937.D	10/22/2024
SP-3	P4385-06	BF139938.D	10/22/2024
SP-1	P4385-02	BF139941.D	10/22/2024

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139843.D DFTPP Injection Date: 10/18/2024

Instrument ID: BNA_F DFTPP Injection Time: 09:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	93.1
443	15.0 - 24.0% of mass 442	17.9 (19.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF139844.D	10/18/2024	10:27
SSTDICC005	SSTDICC005	BF139845.D	10/18/2024	10:55
SSTDICC010	SSTDICC010	BF139846.D	10/18/2024	11:23
SSTDICC020	SSTDICC020	BF139847.D	10/18/2024	11:52
SSTDICCC040	SSTDICCC040	BF139848.D	10/18/2024	12:20
SSTDICC050	SSTDICC050	BF139849.D	10/18/2024	12:49
SSTDICC060	SSTDICC060	BF139850.D	10/18/2024	13:17
SSTDICC080	SSTDICC080	BF139851.D	10/18/2024	13:46

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139891.D DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_F DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	98.4
443	15.0 - 24.0% of mass 442	19 (19.4) 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
SSTDCCC040	SSTDCCC040	BF139892.D	10/21/2024	09:57
SP-3MS	P4385-06MS	BF139902.D	10/21/2024	14:47
SP-3MSD	P4385-06MSD	BF139903.D	10/21/2024	15:15

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139916.D DFTPP Injection Date: 10/22/2024

Instrument ID: BNA_F DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	42.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139917.D	10/22/2024	09:39
PB164071BL	PB164071BL	BF139920.D	10/22/2024	11:05
PB164071BS	PB164071BS	BF139921.D	10/22/2024	11:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139926.D DFTPP Injection Date: 10/22/2024

Instrument ID: BNA_F DFTPP Injection Time: 14:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.4
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	25.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139927.D	10/22/2024	14:28
SP-4	P4385-08	BF139936.D	10/22/2024	18:56
SP-2	P4385-04	BF139937.D	10/22/2024	19:25
SP-3	P4385-06	BF139938.D	10/22/2024	19:54
SP-1	P4385-02	BF139941.D	10/22/2024	21:20
SP-8	P4385-16	BF139945.D	10/22/2024	23:14
SP-9	P4385-18	BF139946.D	10/22/2024	23:43
SP-6	P4385-12	BF139947.D	10/23/2024	00:11
SP-5	P4385-10	BF139949.D	10/23/2024	01:08

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM SAS No.: P4385 SDG NO.: P4385

Lab File ID: BF139964.D DFTPP Injection Date: 10/23/2024

Instrument ID: BNA_F DFTPP Injection Time: 15:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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
SSTDCCC040	SSTDCCC040	BF139965.D	10/23/2024	15:30
SP-10	P4385-20	BF139982.D	10/23/2024	23:43
SP-7	P4385-14	BF139983.D	10/24/2024	00:11

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/21/2024

Lab File ID: BF139892.D Time Analyzed: 09:57

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	170135	6.892	645389	8.18	355580	9.93
	UPPER LIMIT	340270	7.392	1290780	8.675	711160	10.427
	LOWER LIMIT	85067.5	6.392	322695	7.675	177790	9.427
	EPA SAMPLE NO.						
01	SP-3MS	159111	6.89	617785	8.18	335465	9.93
02	SP-3MSD	163321	6.89	638402	8.18	343933	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/21/2024

Lab File ID: BF139892.D Time Analyzed: 09:57

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	607097	11.416	292847	14.057	323975	15.533
	UPPER LIMIT	1214190	11.916	585694	14.557	647950	16.033
	LOWER LIMIT	303549	10.916	146424	13.557	161988	15.033
	EPA SAMPLE NO.						
01	SP-3MS	563658	11.42	294671	14.06	343985	15.53
02	SP-3MSD	570576	11.42	298930	14.06	341306	15.53

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/22/2024

Lab File ID: BF139917.D Time Analyzed: 09:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	157034	6.892	594103	8.18	330233	9.93
	UPPER LIMIT	314068	7.392	1188210	8.675	660466	10.433
	LOWER LIMIT	78517	6.392	297052	7.675	165117	9.433
	EPA SAMPLE NO.						
01	PB164071BL	150261	6.89	593957	8.17	338069	9.93
02	PB164071BS	149304	6.89	587812	8.18	331508	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/22/2024

Lab File ID: BF139917.D Time Analyzed: 09:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	578135	11.416	280536	14.057	304746	15.533
	UPPER LIMIT	1156270	11.916	561072	14.557	609492	16.033
	LOWER LIMIT	289068	10.916	140268	13.557	152373	15.033
	EPA SAMPLE NO.						
01	PB164071BL	611789	11.41	390858	14.05	293996	15.53
02	PB164071BS	575136	11.42	270065	14.06	308770	15.53

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/22/2024

Lab File ID: BF139927.D Time Analyzed: 14:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	169434	6.893	628861	8.18	340877	9.93
	UPPER LIMIT	338868	7.393	1257720	8.675	681754	10.428
	LOWER LIMIT	84717	6.393	314431	7.675	170439	9.428
	EPA SAMPLE NO.						
01	SP-1	136890	6.89	521113	8.17	254785	9.92
02	SP-2	151716	6.89	581488	8.17	304861	9.92
03	SP-3	133976	6.89	526107	8.17	267934	9.92
04	SP-4	137459	6.89	530285	8.17	284175	9.92
05	SP-5	108490	6.89	354595	8.17	170918	9.93
06	SP-6	114279	6.89	384129	8.17	173441	9.93
07	SP-8	119007	6.89	400056	8.17	182483	9.93
08	SP-9	125462	6.89	412661	8.17	187614	9.92

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

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* 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.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/22/2024

Lab File ID: BF139927.D Time Analyzed: 14:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	576195	11.416	272427	14.051	340524	15.533
	UPPER LIMIT	1152390	11.916	544854	14.551	681048	16.033
	LOWER LIMIT	288098	10.916	136214	13.551	170262	15.033
	EPA SAMPLE NO.						
01	SP-1	372133	11.41	303301	14.05	324928	15.53
02	SP-2	449838	11.41	325843	14.05	359851	15.53
03	SP-3	399571	11.41	295422	14.05	332333	15.53
04	SP-4	435012	11.41	296989	14.05	339367	15.53
05	SP-5	337324	11.41	293042	14.05	205540	15.53
06	SP-6	309030	11.41	295313	14.05	215288	15.53
07	SP-8	307887	11.41	297752	14.05	223198	15.53
08	SP-9	327445	11.41	323147	14.05	234771	15.53

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

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* 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.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/23/2024

Lab File ID: BF139965.D Time Analyzed: 15:30

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	159858	6.892	611382	8.18	340124	9.93
	UPPER LIMIT	319716	7.392	1222760	8.675	680248	10.428
	LOWER LIMIT	79929	6.392	305691	7.675	170062	9.428
	EPA SAMPLE NO.						
01	SP-7	123541	6.89	443226	8.17	204877	9.92
02	SP-10	133316	6.89	485669	8.17	228899	9.92

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

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* 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.: P4385 SAS No.: P4385 SDG NO.: P4385

EPA Sample No.: SSTDCCC040 Date Analyzed: 10/23/2024

Lab File ID: BF139965.D Time Analyzed: 15:30

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	597021	11.416	306092	14.057	358871	15.533
	UPPER LIMIT	1194040	11.916	612184	14.557	717742	16.033
	LOWER LIMIT	298511	10.916	153046	13.557	179436	15.033
	EPA SAMPLE NO.						
01	SP-7	329287	11.41	309239	14.05	243467	15.53
02	SP-10	357369	11.41	325119	14.05	261481	15.53

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

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* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BL	SDG No.:	P4385
Lab Sample ID:	PB164071BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139920.D	1	10/11/24 09:38	10/22/24 11:05	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	330	ug/Kg
108-95-2	Phenol	82.9	U	82.9	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	170	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80.0	ug/Kg
67-72-1	Hexachloroethane	83.0	U	83.0	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	170	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	170	ug/Kg
105-60-2	Caprolactam	86.8	U	86.8	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74.0	U	74.0	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	170	ug/Kg
88-74-4	2-Nitroaniline	95.0	U	95.0	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BL	SDG No.:	P4385
Lab Sample ID:	PB164071BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139920.D	1	10/11/24 09:38	10/22/24 11:05	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	86.5	U	86.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	170	ug/Kg
118-74-1	Hexachlorobenzene	85.0	U	85.0	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	170	ug/Kg
87-86-5	Pentachlorophenol	77.3	U	77.3	330	ug/Kg
85-01-8	Phenanthrene	84.0	U	84.0	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	170	ug/Kg
129-00-0	Pyrene	83.0	U	83.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91.0	U	91.0	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BL	SDG No.:	P4385
Lab Sample ID:	PB164071BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139920.D	1	10/11/24 09:38	10/22/24 11:05	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	170	ug/Kg
50-32-8	Benzo(a)pyrene	93.0	U	93.0	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		30 (18) - 130 (112)	90%	SPK: 150
13127-88-3	Phenol-d6	132		30 (15) - 130 (107)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.9		30 (18) - 130 (107)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		30 (20) - 130 (109)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 (10) - 130 (116)	100%	SPK: 150
1718-51-0	Terphenyl-d14	90.0		30 (10) - 130 (105)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	6.892			
1146-65-2	Naphthalene-d8	594000	8.169			
15067-26-2	Acenaphthene-d10	338000	9.928			
1517-22-2	Phenanthrene-d10	612000	11.41			
1719-03-5	Chrysene-d12	391000	14.051			
1520-96-3	Perylene-d12	294000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.24	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A		5.13	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.			Date Collected:	
Project:	Robbinsville			Date Received:	
Client Sample ID:	PB164071BL			SDG No.:	P4385
Lab Sample ID:	PB164071BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139920.D	1	10/11/24 09:38	10/22/24 11:05	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BS	SDG No.:	P4385
Lab Sample ID:	PB164071BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139921.D	1	10/11/24 09:38	10/22/24 11:34	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	640		180	330	ug/Kg
108-95-2	Phenol	1600		82.8	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	170	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	170	ug/Kg
98-86-2	Acetophenone	1600		86.8	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	170	ug/Kg
78-59-1	Isophorone	1700		84.5	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	170	ug/Kg
91-20-3	Naphthalene	1600		82.5	170	ug/Kg
106-47-8	4-Chloroaniline	670		82.5	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	170	ug/Kg
105-60-2	Caprolactam	1700		86.7	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6200	E	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.3	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		73.9	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BS	SDG No.:	P4385
Lab Sample ID:	PB164071BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139921.D	1	10/11/24 09:38	10/22/24 11:34	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		86.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	170	ug/Kg
83-32-9	Acenaphthene	1800		81.0	170	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	240	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.0	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	170	ug/Kg
86-73-7	Fluorene	1600		85.4	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	170	ug/Kg
1912-24-9	Atrazine	1900		91.3	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	77.2	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	170	ug/Kg
120-12-7	Anthracene	1700		84.3	170	ug/Kg
86-74-8	Carbazole	1600		80.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	170	ug/Kg
129-00-0	Pyrene	1900		82.9	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1800		80.6	170	ug/Kg
218-01-9	Chrysene	1800		79.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.0	170	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164071BS	SDG No.:	P4385
Lab Sample ID:	PB164071BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139921.D	1	10/11/24 09:38	10/22/24 11:34	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		82.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		78.0	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		81.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		80.0	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		30 (18) - 130 (112)	90%	SPK: 150
13127-88-3	Phenol-d6	132		30 (15) - 130 (107)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.9		30 (18) - 130 (107)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.3		30 (20) - 130 (109)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		30 (10) - 130 (116)	103%	SPK: 150
1718-51-0	Terphenyl-d14	113		30 (10) - 130 (105)	113%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	6.893			
1146-65-2	Naphthalene-d8	588000	8.175			
15067-26-2	Acenaphthene-d10	332000	9.934			
1517-22-2	Phenanthrene-d10	575000	11.416			
1719-03-5	Chrysene-d12	270000	14.057			
1520-96-3	Perylene-d12	309000	15.533			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MS	SDG No.:	P4385
Lab Sample ID:	P4385-06MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139902.D	1	10/11/24 09:38	10/21/24 14:47	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	760		190	350	ug/Kg
108-95-2	Phenol	1900		88.1	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		88.9	180	ug/Kg
95-57-8	2-Chlorophenol	1900		88.7	180	ug/Kg
95-48-7	2-Methylphenol	1900		85.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		96.6	180	ug/Kg
98-86-2	Acetophenone	1800		92.3	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		84.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		42.8	85.0	ug/Kg
67-72-1	Hexachloroethane	1800		88.2	180	ug/Kg
98-95-3	Nitrobenzene	1700		96.5	180	ug/Kg
78-59-1	Isophorone	1800		89.9	180	ug/Kg
88-75-5	2-Nitrophenol	2100		100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		99.0	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		91.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		80.2	180	ug/Kg
91-20-3	Naphthalene	1700		87.7	180	ug/Kg
106-47-8	4-Chloroaniline	370		87.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	1700		88.5	180	ug/Kg
105-60-2	Caprolactam	1900		92.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		82.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	1800		87.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		75.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		78.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1800		92.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	1800		88.5	180	ug/Kg
88-74-4	2-Nitroaniline	2000		100	180	ug/Kg
131-11-3	Dimethylphthalate	1900		86.8	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MS	SDG No.:	P4385
Lab Sample ID:	P4385-06MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139902.D	1	10/11/24 09:38	10/21/24 14:47	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1900		91.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		88.4	180	ug/Kg
99-09-2	3-Nitroaniline	1100		94.8	180	ug/Kg
83-32-9	Acenaphthene	2000		86.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	260	350	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	350	ug/Kg
132-64-9	Dibenzofuran	1800		89.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		91.6	180	ug/Kg
84-66-2	Diethylphthalate	1800		85.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		90.9	180	ug/Kg
86-73-7	Fluorene	1700		90.8	180	ug/Kg
100-01-6	4-Nitroaniline	1800		110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		86.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		83.8	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		90.3	180	ug/Kg
1912-24-9	Atrazine	2200		97.1	180	ug/Kg
87-86-5	Pentachlorophenol	3400	E	82.1	350	ug/Kg
85-01-8	Phenanthrene	1800		89.2	180	ug/Kg
120-12-7	Anthracene	1800		89.7	180	ug/Kg
86-74-8	Carbazole	1700		85.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		89.6	180	ug/Kg
206-44-0	Fluoranthene	1700		86.8	180	ug/Kg
129-00-0	Pyrene	1700		88.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	2200		100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		100	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		85.7	180	ug/Kg
218-01-9	Chrysene	1900		84.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		96.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		86.2	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MS	SDG No.:	P4385
Lab Sample ID:	P4385-06MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139902.D	1	10/11/24 09:38	10/21/24 14:47	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		87.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		98.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		83.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		86.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		85.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		92.2	180	ug/Kg
123-91-1	1,4-Dioxane	1700		120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		79.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115		30 (18) - 130 (112)	77%	SPK: 150
13127-88-3	Phenol-d6	113		30 (15) - 130 (107)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.1		30 (18) - 130 (107)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.1		30 (20) - 130 (109)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		30 (10) - 130 (116)	81%	SPK: 150
1718-51-0	Terphenyl-d14	84.2		30 (10) - 130 (105)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	159000	6.892			
1146-65-2	Naphthalene-d8	618000	8.175			
15067-26-2	Acenaphthene-d10	335000	9.927			
1517-22-2	Phenanthrene-d10	564000	11.416			
1719-03-5	Chrysene-d12	295000	14.057			
1520-96-3	Perylene-d12	344000	15.533			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MSD	SDG No.:	P4385
Lab Sample ID:	P4385-06MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/24 09:38	10/21/24 15:15	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	780		190	350	ug/Kg
108-95-2	Phenol	1900		88.0	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		88.8	180	ug/Kg
95-57-8	2-Chlorophenol	1900		88.6	180	ug/Kg
95-48-7	2-Methylphenol	1900		85.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		96.4	180	ug/Kg
98-86-2	Acetophenone	1700		92.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		84.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		42.8	84.9	ug/Kg
67-72-1	Hexachloroethane	1800		88.1	180	ug/Kg
98-95-3	Nitrobenzene	1800		96.3	180	ug/Kg
78-59-1	Isophorone	1800		89.8	180	ug/Kg
88-75-5	2-Nitrophenol	2200		100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		98.9	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		91.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		80.1	180	ug/Kg
91-20-3	Naphthalene	1800		87.6	180	ug/Kg
106-47-8	4-Chloroaniline	340		87.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	1800		88.4	180	ug/Kg
105-60-2	Caprolactam	1900		92.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		82.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1800		87.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5600	E	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		75.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		78.5	180	ug/Kg
92-52-4	1,1-Biphenyl	1800		92.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	1800		88.4	180	ug/Kg
88-74-4	2-Nitroaniline	2000		100	180	ug/Kg
131-11-3	Dimethylphthalate	1900		86.7	180	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MSD	SDG No.:	P4385
Lab Sample ID:	P4385-06MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/24 09:38	10/21/24 15:15	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1900		91.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		88.3	180	ug/Kg
99-09-2	3-Nitroaniline	1100		94.6	180	ug/Kg
83-32-9	Acenaphthene	2000		86.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	E	260	350	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	350	ug/Kg
132-64-9	Dibenzofuran	1800		89.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		91.5	180	ug/Kg
84-66-2	Diethylphthalate	1800		85.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		90.8	180	ug/Kg
86-73-7	Fluorene	1700		90.7	180	ug/Kg
100-01-6	4-Nitroaniline	1800		110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		86.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		83.7	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		90.2	180	ug/Kg
1912-24-9	Atrazine	2200		97.0	180	ug/Kg
87-86-5	Pentachlorophenol	3500	E	82.0	350	ug/Kg
85-01-8	Phenanthrene	1800		89.1	180	ug/Kg
120-12-7	Anthracene	1800		89.5	180	ug/Kg
86-74-8	Carbazole	1700		85.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		89.4	180	ug/Kg
206-44-0	Fluoranthene	1700		86.7	180	ug/Kg
129-00-0	Pyrene	1700		88.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	2200		100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		100	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		85.6	180	ug/Kg
218-01-9	Chrysene	1900		84.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		96.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		86.0	180	ug/Kg

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Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	10/10/24
Project:	Robbinsville	Date Received:	10/10/24
Client Sample ID:	SP-3MSD	SDG No.:	P4385
Lab Sample ID:	P4385-06MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/24 09:38	10/21/24 15:15	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1800		87.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		98.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		82.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		86.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		85.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		92.1	180	ug/Kg
123-91-1	1,4-Dioxane	1700		120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		79.3	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	117		30 (18) - 130 (112)	78%	SPK: 150
13127-88-3	Phenol-d6	116		30 (15) - 130 (107)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.2		30 (18) - 130 (107)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.0		30 (20) - 130 (109)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	82.8		30 (10) - 130 (105)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.893			
1146-65-2	Naphthalene-d8	638000	8.175			
15067-26-2	Acenaphthene-d10	344000	9.928			
1517-22-2	Phenanthrene-d10	571000	11.416			
1719-03-5	Chrysene-d12	299000	14.057			
1520-96-3	Perylene-d12	341000	15.533			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 18 15:07:50 2024
Response Via : Initial Calibration

Calibration Files
2.5 =BF139844.D 5 =BF139845.D 10 =BF139846.D 20 =BF139847.D 40 =BF139848.D 50 =BF139849.D 60 =BF139850.D 80 =BF1398
51.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.651	0.625	0.603	0.591	0.571	0.581	0.548	0.596	5.74
3)		Pyridine		1.622	1.570	1.522	1.504	1.386	1.406	1.326	1.476	7.26
4)		n-Nitrosodimet...		0.815	0.800	0.799	0.806	0.782	0.794	0.757	0.793	2.39
5)	S	2-Fluorophenol		1.465	1.398	1.331	1.278	1.179	1.186	1.106	1.278	10.10
6)		Aniline		1.673	1.649	1.618	1.582	1.471	1.479	1.324	1.542	8.05
7)	S	Phenol-d6		1.900	1.818	1.709	1.647	1.538	1.539	1.432	1.655	10.06
8)		2-Chlorophenol		1.503	1.422	1.358	1.310	1.212	1.221	1.116	1.306	10.24
9)		Benzaldehyde			1.137	1.042	0.940	0.873	0.853	0.740	0.931	15.22
10)	C	Phenol		1.952	1.832	1.760	1.712	1.583	1.601	1.502	1.706	9.19
11)		bis(2-Chloroet...		1.470	1.423	1.359	1.294	1.251	1.249	1.183	1.319	7.82
12)		1,3-Dichlorobe...		1.718	1.656	1.544	1.499	1.392	1.391	1.294	1.499	10.19
13)	C	1,4-Dichlorobe...		1.723	1.641	1.558	1.487	1.392	1.391	1.291	1.498	10.19
14)		1,2-Dichlorobe...		1.660	1.579	1.478	1.379	1.273	1.267	1.149	1.398	13.15
15)		Benzyl Alcohol		1.355	1.299	1.257	1.213	1.154	1.146	1.071	1.214	8.07
16)		2,2'-oxybis(1-...		2.524	2.409	2.353	2.255	2.117	2.115	1.964	2.248	8.69
17)		2-Methylphenol		1.264	1.164	1.134	1.114	1.053	1.063	1.004	1.114	7.69
18)		Hexachloroethane		0.583	0.571	0.549	0.541	0.507	0.511	0.477	0.534	7.06
19)	P	n-Nitroso-di-n...	1.105	1.141	1.066	1.025	0.974	0.921	0.927	0.869	1.004	9.63
20)		3+4-Methylphenols		1.678	1.573	1.520	1.418	1.309	1.300	1.173	1.424	12.41
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.578	0.533	0.516	0.481	0.452	0.454	0.414	0.490	11.43
23)	S	Nitrobenzene-d5		0.365	0.365	0.372	0.371	0.354	0.357	0.342	0.361	2.92
24)		Nitrobenzene		0.417	0.402	0.408	0.403	0.383	0.388	0.370	0.396	4.10
25)		Isophorone		0.755	0.709	0.702	0.679	0.652	0.660	0.637	0.685	5.90
26)	C	2-Nitrophenol		0.124	0.137	0.150	0.157	0.158	0.161	0.157	0.149	9.22
27)		2,4-Dimethylph...		0.285	0.259	0.256	0.248	0.237	0.234	0.223	0.249	8.07
28)		bis(2-Chloroet...		0.468	0.440	0.432	0.412	0.394	0.390	0.369	0.415	8.22
29)	C	2,4-Dichloroph...		0.308	0.297	0.293	0.283	0.272	0.274	0.257	0.283	6.17
30)		1,2,4-Trichlor...		0.351	0.331	0.325	0.315	0.298	0.298	0.279	0.314	7.68
31)		Naphthalene		1.209	1.121	1.091	1.023	0.958	0.944	0.875	1.031	11.23
32)		Benzoic acid			0.175	0.207	0.220	0.231	0.235	0.235	0.217	10.69
33)		4-Chloroaniline		0.397	0.382	0.368	0.351	0.332	0.326	0.306	0.352	9.26
34)	C	Hexachlorobuta...		0.224	0.206	0.203	0.197	0.185	0.187	0.177	0.197	7.96
35)		Caprolactam		0.092	0.092	0.092	0.092	0.088	0.088	0.086	0.090	2.85
36)	C	4-Chloro-3-met...		0.341	0.328	0.324	0.315	0.299	0.303	0.287	0.314	6.03
37)		2-Methylnaphth...		0.740	0.689	0.666	0.621	0.587	0.583	0.537	0.632	11.11
38)		1-Methylnaphth...		0.726	0.683	0.655	0.612	0.569	0.567	0.526	0.620	11.55

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF101824.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.609	0.579	0.562	0.537	0.512	0.506	0.472	0.540	8.72
41)	P	Hexachlorocycl...	0.185	0.193	0.198	0.198	0.186	0.185	0.169	0.188	5.28
42)	S	2,4,6-Tribromo...	0.201	0.196	0.193	0.188	0.179	0.180	0.173	0.187	5.47
43)	C	2,4,6-Trichlor...	0.405	0.382	0.400	0.387	0.363	0.383	0.354	0.382	4.80
44)		2,4,5-Trichlor...	0.426	0.425	0.398	0.401	0.381	0.369	0.359	0.394	6.58
45)	S	2-Fluorobiphenyl	1.512	1.396	1.280	1.162	1.088	1.060	0.973	1.210	16.05
46)		1,1'-Biphenyl	1.640	1.536	1.483	1.379	1.285	1.262	1.161	1.392	12.18
47)		2-Chloronaphth...	1.288	1.225	1.164	1.111	1.048	1.040	0.973	1.121	9.95
48)		2-Nitroaniline	0.299	0.318	0.353	0.365	0.354	0.362	0.349	0.343	7.20
49)		Acenaphthylene	1.854	1.756	1.717	1.615	1.507	1.505	1.394	1.621	10.06
50)		Dimethylphthalate	1.410	1.344	1.283	1.237	1.172	1.163	1.110	1.246	8.60
51)		2,6-Dinitrotol...	0.256	0.266	0.278	0.280	0.273	0.274	0.260	0.270	3.41
52)	C	Acenaphthene	1.200	1.136	1.089	1.044	0.977	0.983	0.913	1.049	9.55
53)		3-Nitroaniline	0.270	0.275	0.296	0.292	0.276	0.282	0.256	0.278	4.84
54)	P	2,4-Dinitrophenol		0.056	0.077	0.101	0.101	0.113	0.112	0.093	23.89
55)		Dibenzofuran	1.767	1.659	1.579	1.486	1.389	1.375	1.278	1.505	11.52
56)	P	4-Nitrophenol	0.187	0.207	0.225	0.232	0.219	0.220	0.208	0.214	6.84
57)		2,4-Dinitrotol...	0.280	0.314	0.337	0.356	0.344	0.351	0.338	0.332	7.94
58)		Fluorene	1.409	1.309	1.201	1.110	1.029	1.021	0.944	1.146	14.68
59)		2,3,4,6-Tetrac...	0.334	0.322	0.326	0.310	0.296	0.293	0.281	0.309	6.33
60)		Diethylphthalate	1.366	1.308	1.267	1.214	1.165	1.161	1.080	1.223	7.99
61)		4-Chlorophenyl...	0.698	0.638	0.617	0.569	0.526	0.520	0.484	0.579	13.14
62)		4-Nitroaniline	0.249	0.259	0.270	0.275	0.263	0.269	0.254	0.263	3.65
63)		Azobenzene	1.459	1.385	1.355	1.306	1.216	1.212	1.143	1.297	8.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.072	0.087	0.090	0.092	0.093	0.082	18.60
66)	c	n-Nitrosodiphe...	0.672	0.641	0.621	0.595	0.568	0.561	0.533	0.599	8.14
67)		4-Bromophenyl-...	0.230	0.217	0.211	0.202	0.197	0.196	0.189	0.206	6.98
68)		Hexachlorobenzene	0.258	0.245	0.237	0.231	0.217	0.221	0.212	0.232	7.20
69)		Atrazine	0.189	0.175	0.156	0.175	0.135	0.153	0.151	0.162	11.36
70)	C	Pentachlorophenol	0.118	0.137	0.148	0.152	0.145	0.144	0.140	0.141	8.04
71)		Phenanthrene	1.121	1.035	0.994	0.933	0.863	0.860	0.807	0.945	11.79
72)		Anthracene	1.082	1.014	0.972	0.913	0.851	0.833	0.787	0.922	11.53
73)		Carbazole	1.002	0.964	0.923	0.846	0.776	0.772	0.717	0.857	12.64
74)		Di-n-butylphth...	1.104	1.071	1.062	1.014	0.923	0.909	0.850	0.990	9.77
75)	C	Fluoranthene	1.149	1.108	1.036	0.943	0.842	0.835	0.772	0.955	15.34
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.457	0.461	0.293	0.366	0.276	0.203	0.246	0.329	30.86
78)		Pyrene	1.892	1.828	1.900	1.805	1.685	1.649	1.496	1.751	8.43
79)	S	Terphenyl-d14	1.381	1.335	1.340	1.244	1.154	1.121	1.018	1.227	10.96
80)		Butylbenzylpht...	0.490	0.513	0.536	0.555	0.535	0.531	0.514	0.525	3.99
81)		Benzo(a)anthra...	1.425	1.355	1.329	1.331	1.267	1.237	1.169	1.302	6.48
82)		3,3'-Dichlorob...	0.368	0.372	0.390	0.387	0.374	0.382	0.384	0.380	2.15
83)		Chrysene	1.325	1.244	1.234	1.167	1.134	1.151	1.101	1.194	6.52
84)		Bis(2-ethylhex...	0.520	0.539	0.577	0.626	0.620	0.626	0.614	0.589	7.48
85)	c	Di-n-octyl pht...		0.786	0.930	1.135	1.182	1.207	1.186	1.071	16.14

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF101824.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.209	1.261	1.307	1.352	1.299	1.326	1.253	1.287	3.77
88)		Benzo(b)fluora...	1.317	1.240	1.319	1.196	1.105	1.239	1.111	1.218	7.15
89)		Benzo(k)fluora...	1.213	1.177	0.992	1.066	1.030	0.929	0.947	1.051	10.42
90)	C	Benzo(a)pyrene	1.030	1.024	1.018	1.025	0.974	0.999	0.947	1.002	3.12
91)		Dibenzo(a,h)an...	1.021	1.064	1.103	1.120	1.083	1.085	1.036	1.073	3.31
92)		Benzo(g,h,i)pe...	1.030	1.046	1.090	1.128	1.081	1.095	1.035	1.072	3.37

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/21/2024 09:57

Lab File ID: BF139892.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.253		-2.0	
Benzaldehyde	0.931	0.814		-12.6	
Phenol-d6	1.655	1.618		-2.2	
Phenol	1.706	1.701		-0.3	20.0
bis(2-Chloroethyl)ether	1.319	1.298		-1.6	
2-Chlorophenol	1.306	1.302		-0.3	
2-Methylphenol	1.114	1.099		-1.3	
2,2-oxybis(1-Chloropropane)	2.248	2.201		-2.1	
Acetophenone	0.490	0.481		-1.8	
3+4-Methylphenols	1.424	1.398		-1.8	
n-Nitroso-di-n-propylamine	1.004	0.965	0.050	-3.9	
Nitrobenzene-d5	0.361	0.370		2.5	
Hexachloroethane	0.534	0.539		0.9	
Nitrobenzene	0.396	0.395		-0.3	
Isophorone	0.685	0.677		-1.2	
2-Nitrophenol	0.149	0.157		5.4	20.0
2,4-Dimethylphenol	0.249	0.243		-2.4	
bis(2-Chloroethoxy)methane	0.415	0.418		0.7	
2,4-Dichlorophenol	0.283	0.286		1.1	20.0
Naphthalene	1.031	1.026		-0.5	
4-Chloroaniline	0.352	0.354		0.6	
Hexachlorobutadiene	0.197	0.202		2.5	20.0
Caprolactam	0.090	0.085		-5.6	
4-Chloro-3-methylphenol	0.314	0.311		-1.0	20.0
2-Methylnaphthalene	0.632	0.627		-0.8	
Hexachlorocyclopentadiene	0.188	0.209	0.050	11.2	
2,4,6-Trichlorophenol	0.382	0.378		-1.0	20.0
2-Fluorobiphenyl	1.210	1.182		-2.3	
2,4,5-Trichlorophenol	0.394	0.415		5.3	
1,1-Biphenyl	1.392	1.400		0.6	
2-Chloronaphthalene	1.121	1.125		0.4	
2-Nitroaniline	0.343	0.354		3.2	
Dimethylphthalate	1.246	1.237		-0.7	
Acenaphthylene	1.621	1.614		-0.4	
2,6-Dinitrotoluene	0.270	0.275		1.9	
3-Nitroaniline	0.278	0.282		1.4	
Acenaphthene	1.049	1.050		0.1	20.0
2,4-Dinitrophenol	0.093	0.104	0.050	11.8	
4-Nitrophenol	0.214	0.218	0.050	1.9	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/21/2024 09:57

Lab File ID: BF139892.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.505	1.506		0.1	
2,4-Dinitrotoluene	0.332	0.343		3.3	
Diethylphthalate	1.223	1.206		-1.4	
4-Chlorophenyl-phenylether	0.579	0.575		-0.7	
Fluorene	1.146	1.118		-2.4	
4-Nitroaniline	0.263	0.269		2.3	
4,6-Dinitro-2-methylphenol	0.082	0.091		11.0	
n-Nitrosodiphenylamine	0.599	0.601		0.3	20.0
2,4,6-Tribromophenol	0.187	0.195		4.3	
4-Bromophenyl-phenylether	0.206	0.215		4.4	
Hexachlorobenzene	0.232	0.240		3.4	
Atrazine	0.162	0.162		0.0	
Pentachlorophenol	0.141	0.155		9.9	20.0
Phenanthrene	0.945	0.931		-1.5	
Anthracene	0.922	0.920		-0.2	
Carbazole	0.857	0.827		-3.5	
Di-n-butylphthalate	0.990	0.946		-4.4	
Fluoranthene	0.955	0.907		-5.0	20.0
Pyrene	1.751	1.911		9.1	
Terphenyl-d14	1.227	1.303		6.2	
Butylbenzylphthalate	0.525	0.537		2.3	
3,3-Dichlorobenzidine	0.380	0.390		2.6	
Benzo(a)anthracene	1.302	1.326		1.8	
Chrysene	1.194	1.209		1.3	
Bis(2-ethylhexyl)phthalate	0.589	0.666		13.1	
Di-n-octyl phthalate	1.071	1.261		17.7	20.0
Benzo(b)fluoranthene	1.218	1.234		1.3	
Benzo(k)fluoranthene	1.051	0.938		-10.8	
Benzo(a)pyrene	1.002	1.009		0.7	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.495		16.2	
Dibenzo(a,h)anthracene	1.073	1.250		16.5	
Benzo(g,h,i)perylene	1.072	1.278		19.2	
1,2,4,5-Tetrachlorobenzene	0.540	0.552		2.2	
1,4-Dioxane	0.596	0.584		-2.0	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.313		1.3	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/22/2024 09:39

Lab File ID: BF139917.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.261		-1.3	
Benzaldehyde	0.931	0.912		-2.0	
Phenol-d6	1.655	1.609		-2.8	
Phenol	1.706	1.663		-2.5	20.0
bis(2-Chloroethyl)ether	1.319	1.282		-2.8	
2-Chlorophenol	1.306	1.309		0.2	
2-Methylphenol	1.114	1.094		-1.8	
2,2-oxybis(1-Chloropropane)	2.248	2.110		-6.1	
Acetophenone	0.490	0.478		-2.4	
3+4-Methylphenols	1.424	1.403		-1.5	
n-Nitroso-di-n-propylamine	1.004	0.945	0.050	-5.9	
Nitrobenzene-d5	0.361	0.380		5.3	
Hexachloroethane	0.534	0.540		1.1	
Nitrobenzene	0.396	0.402		1.5	
Isophorone	0.685	0.670		-2.2	
2-Nitrophenol	0.149	0.173		16.1	20.0
2,4-Dimethylphenol	0.249	0.244		-2.0	
bis(2-Chloroethoxy)methane	0.415	0.406		-2.2	
2,4-Dichlorophenol	0.283	0.288		1.8	20.0
Naphthalene	1.031	1.032		0.1	
4-Chloroaniline	0.352	0.351		-0.3	
Hexachlorobutadiene	0.197	0.204		3.6	20.0
Caprolactam	0.090	0.089		-1.1	
4-Chloro-3-methylphenol	0.314	0.312		-0.6	20.0
2-Methylnaphthalene	0.632	0.628		-0.6	
Hexachlorocyclopentadiene	0.188	0.217	0.050	15.4	
2,4,6-Trichlorophenol	0.382	0.408		6.8	20.0
2-Fluorobiphenyl	1.210	1.182		-2.3	
2,4,5-Trichlorophenol	0.394	0.398		1.0	
1,1-Biphenyl	1.392	1.379		-0.9	
2-Chloronaphthalene	1.121	1.123		0.2	
2-Nitroaniline	0.343	0.368		7.3	
Dimethylphthalate	1.246	1.243		-0.2	
Acenaphthylene	1.621	1.606		-0.9	
2,6-Dinitrotoluene	0.270	0.288		6.7	
3-Nitroaniline	0.278	0.290		4.3	
Acenaphthene	1.049	1.063		1.3	20.0
2,4-Dinitrophenol	0.093	0.135	0.050	45.2	
4-Nitrophenol	0.214	0.236	0.050	10.3	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/22/2024 09:39

Lab File ID: BF139917.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.505	1.486		-1.3	
2,4-Dinitrotoluene	0.332	0.383		15.4	
Diethylphthalate	1.223	1.207		-1.3	
4-Chlorophenyl-phenylether	0.579	0.588		1.6	
Fluorene	1.146	1.131		-1.3	
4-Nitroaniline	0.263	0.284		8.0	
4,6-Dinitro-2-methylphenol	0.082	0.110		34.1	
n-Nitrosodiphenylamine	0.599	0.590		-1.5	20.0
2,4,6-Tribromophenol	0.187	0.203		8.6	
4-Bromophenyl-phenylether	0.206	0.210		1.9	
Hexachlorobenzene	0.232	0.234		0.9	
Atrazine	0.162	0.167		3.1	
Pentachlorophenol	0.141	0.161		14.2	20.0
Phenanthrene	0.945	0.922		-2.4	
Anthracene	0.922	0.911		-1.2	
Carbazole	0.857	0.835		-2.6	
Di-n-butylphthalate	0.990	0.962		-2.8	
Fluoranthene	0.955	0.943		-1.3	20.0
Pyrene	1.751	1.947		11.2	
Terphenyl-d14	1.227	1.333		8.6	
Butylbenzylphthalate	0.525	0.554		5.5	
3,3-Dichlorobenzidine	0.380	0.418		10.0	
Benzo(a)anthracene	1.302	1.298		-0.3	
Chrysene	1.194	1.200		0.5	
Bis(2-ethylhexyl)phthalate	0.589	0.653		10.9	
Di-n-octyl phthalate	1.071	1.174		9.6	20.0
Benzo(b)fluoranthene	1.218	1.212		-0.5	
Benzo(k)fluoranthene	1.051	0.968		-7.9	
Benzo(a)pyrene	1.002	1.008		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.475		14.6	
Dibenzo(a,h)anthracene	1.073	1.220		13.7	
Benzo(g,h,i)perylene	1.072	1.265		18.0	
1,2,4,5-Tetrachlorobenzene	0.540	0.546		1.1	
1,4-Dioxane	0.596	0.558		-6.4	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.325		5.2	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/22/2024 14:28

Lab File ID: BF139927.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.238		-3.1	
Benzaldehyde	0.931	0.957		2.8	
Phenol-d6	1.655	1.570		-5.1	
Phenol	1.706	1.639		-3.9	20.0
bis(2-Chloroethyl)ether	1.319	1.272		-3.6	
2-Chlorophenol	1.306	1.287		-1.5	
2-Methylphenol	1.114	1.070		-4.0	
2,2-oxybis(1-Chloropropane)	2.248	2.090		-7.0	
Acetophenone	0.490	0.474		-3.3	
3+4-Methylphenols	1.424	1.367		-4.0	
n-Nitroso-di-n-propylamine	1.004	0.934	0.050	-7.0	
Nitrobenzene-d5	0.361	0.377		4.4	
Hexachloroethane	0.534	0.531		-0.6	
Nitrobenzene	0.396	0.401		1.3	
Isophorone	0.685	0.658		-3.9	
2-Nitrophenol	0.149	0.178		19.5	20.0
2,4-Dimethylphenol	0.249	0.243		-2.4	
bis(2-Chloroethoxy)methane	0.415	0.406		-2.2	
2,4-Dichlorophenol	0.283	0.285		0.7	20.0
Naphthalene	1.031	1.017		-1.4	
4-Chloroaniline	0.352	0.346		-1.7	
Hexachlorobutadiene	0.197	0.204		3.6	20.0
Caprolactam	0.090	0.086		-4.4	
4-Chloro-3-methylphenol	0.314	0.306		-2.5	20.0
2-Methylnaphthalene	0.632	0.625		-1.1	
Hexachlorocyclopentadiene	0.188	0.217	0.050	15.4	
2,4,6-Trichlorophenol	0.382	0.396		3.7	20.0
2-Fluorobiphenyl	1.210	1.202		-0.7	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.392	1.411		1.4	
2-Chloronaphthalene	1.121	1.140		1.7	
2-Nitroaniline	0.343	0.368		7.3	
Dimethylphthalate	1.246	1.230		-1.3	
Acenaphthylene	1.621	1.627		0.4	
2,6-Dinitrotoluene	0.270	0.289		7.0	
3-Nitroaniline	0.278	0.287		3.2	
Acenaphthene	1.049	1.066		1.6	20.0
2,4-Dinitrophenol	0.093	0.132	0.050	41.9	
4-Nitrophenol	0.214	0.223	0.050	4.2	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/22/2024 14:28

Lab File ID: BF139927.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.505	1.499		-0.4	
2,4-Dinitrotoluene	0.332	0.373		12.3	
Diethylphthalate	1.223	1.185		-3.1	
4-Chlorophenyl-phenylether	0.579	0.580		0.2	
Fluorene	1.146	1.117		-2.5	
4-Nitroaniline	0.263	0.268		1.9	
4,6-Dinitro-2-methylphenol	0.082	0.112		36.6	
n-Nitrosodiphenylamine	0.599	0.598		-0.2	20.0
2,4,6-Tribromophenol	0.187	0.201		7.5	
4-Bromophenyl-phenylether	0.206	0.216		4.9	
Hexachlorobenzene	0.232	0.239		3.0	
Atrazine	0.162	0.155		-4.3	
Pentachlorophenol	0.141	0.160		13.5	20.0
Phenanthrene	0.945	0.925		-2.1	
Anthracene	0.922	0.916		-0.7	
Carbazole	0.857	0.810		-5.5	
Di-n-butylphthalate	0.990	0.919		-7.2	
Fluoranthene	0.955	0.875		-8.5	20.0
Pyrene	1.751	1.852		5.8	
Terphenyl-d14	1.227	1.269		3.4	
Butylbenzylphthalate	0.525	0.539		2.7	
3,3-Dichlorobenzidine	0.380	0.452		18.9	
Benzo(a)anthracene	1.302	1.303		0.1	
Chrysene	1.194	1.167		-2.3	
Bis(2-ethylhexyl)phthalate	0.589	0.693		17.7	
Di-n-octyl phthalate	1.071	1.312		22.5	20.0
Benzo(b)fluoranthene	1.218	1.229		0.9	
Benzo(k)fluoranthene	1.051	0.899		-14.5	
Benzo(a)pyrene	1.002	1.008		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.437		11.7	
Dibenzo(a,h)anthracene	1.073	1.186		10.5	
Benzo(g,h,i)perylene	1.072	1.213		13.2	
1,2,4,5-Tetrachlorobenzene	0.540	0.557		3.1	
1,4-Dioxane	0.596	0.561		-5.9	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.321		3.9	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/23/2024 15:30

Lab File ID: BF139965.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.233		-3.5	
Benzaldehyde	0.931	0.939		0.9	
Phenol-d6	1.655	1.579		-4.6	
Phenol	1.706	1.663		-2.5	20.0
bis(2-Chloroethyl)ether	1.319	1.273		-3.5	
2-Chlorophenol	1.306	1.291		-1.1	
2-Methylphenol	1.114	1.099		-1.3	
2,2-oxybis(1-Chloropropane)	2.248	2.018		-10.2	
Acetophenone	0.490	0.467		-4.7	
3+4-Methylphenols	1.424	1.388		-2.5	
n-Nitroso-di-n-propylamine	1.004	0.918	0.050	-8.6	
Nitrobenzene-d5	0.361	0.370		2.5	
Hexachloroethane	0.534	0.530		-0.7	
Nitrobenzene	0.396	0.391		-1.3	
Isophorone	0.685	0.651		-5.0	
2-Nitrophenol	0.149	0.175		17.5	20.0
2,4-Dimethylphenol	0.249	0.239		-4.0	
bis(2-Chloroethoxy)methane	0.415	0.397		-4.3	
2,4-Dichlorophenol	0.283	0.283		0.0	20.0
Naphthalene	1.031	1.011		-1.9	
4-Chloroaniline	0.352	0.340		-3.4	
Hexachlorobutadiene	0.197	0.199		1.0	20.0
Caprolactam	0.090	0.092		2.2	
4-Chloro-3-methylphenol	0.314	0.308		-1.9	20.0
2-Methylnaphthalene	0.632	0.618		-2.2	
Hexachlorocyclopentadiene	0.188	0.193	0.050	2.7	
2,4,6-Trichlorophenol	0.382	0.381		-0.3	20.0
2-Fluorobiphenyl	1.210	1.169		-3.4	
2,4,5-Trichlorophenol	0.394	0.415		5.3	
1,1-Biphenyl	1.392	1.351		-2.9	
2-Chloronaphthalene	1.121	1.097		-2.1	
2-Nitroaniline	0.343	0.369		7.6	
Dimethylphthalate	1.246	1.226		-1.6	
Acenaphthylene	1.621	1.588		-2.0	
2,6-Dinitrotoluene	0.270	0.289		7.0	
3-Nitroaniline	0.278	0.292		5.0	
Acenaphthene	1.049	1.051		0.2	20.0
2,4-Dinitrophenol	0.093	0.139	0.050	49.5	
4-Nitrophenol	0.214	0.228	0.050	6.5	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: BNA_F Calibration Date/Time: 10/23/2024 15:30

Lab File ID: BF139965.D Init. Calib. Date(s): 10/18/2024 10/18/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:27 13:46

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.505	1.458		-3.1	
2,4-Dinitrotoluene	0.332	0.379		14.2	
Diethylphthalate	1.223	1.211		-1.0	
4-Chlorophenyl-phenylether	0.579	0.574		-0.9	
Fluorene	1.146	1.118		-2.4	
4-Nitroaniline	0.263	0.280		6.5	
4,6-Dinitro-2-methylphenol	0.082	0.112		36.6	
n-Nitrosodiphenylamine	0.599	0.583		-2.7	20.0
2,4,6-Tribromophenol	0.187	0.204		9.1	
4-Bromophenyl-phenylether	0.206	0.211		2.4	
Hexachlorobenzene	0.232	0.234		0.9	
Atrazine	0.162	0.166		2.5	
Pentachlorophenol	0.141	0.157		11.3	20.0
Phenanthrene	0.945	0.920		-2.6	
Anthracene	0.922	0.894		-3.0	
Carbazole	0.857	0.815		-4.9	
Di-n-butylphthalate	0.990	0.956		-3.4	
Fluoranthene	0.955	0.893		-6.5	20.0
Pyrene	1.751	1.731		-1.1	
Terphenyl-d14	1.227	1.227		0.0	
Butylbenzylphthalate	0.525	0.540		2.9	
3,3-Dichlorobenzidine	0.380	0.447		17.6	
Benzo(a)anthracene	1.302	1.293		-0.7	
Chrysene	1.194	1.157		-3.1	
Bis(2-ethylhexyl)phthalate	0.589	0.666		13.1	
Di-n-octyl phthalate	1.071	1.198		11.9	20.0
Benzo(b)fluoranthene	1.218	1.083		-11.1	
Benzo(k)fluoranthene	1.051	1.048		-0.3	
Benzo(a)pyrene	1.002	0.978		-2.4	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.280		-0.5	
Dibenzo(a,h)anthracene	1.073	1.060		-1.2	
Benzo(g,h,i)perylene	1.072	1.053		-1.8	
1,2,4,5-Tetrachlorobenzene	0.540	0.540		0.0	
1,4-Dioxane	0.596	0.581		-2.5	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.324		4.9	

All other compounds must meet a minimum RRF of 0.010.