

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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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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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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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