

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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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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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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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