

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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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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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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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