

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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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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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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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