

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMSD	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.05 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200		1	170	370	ug/Kg	12/01/25 18:40	PB170735
108-95-2	Phenol	1700		1	24.7	190	ug/Kg	12/01/25 18:40	PB170735
111-44-4	bis(2-Chloroethyl)ether	1700		1	27.1	190	ug/Kg	12/01/25 18:40	PB170735
95-57-8	2-Chlorophenol	1700		1	27.2	190	ug/Kg	12/01/25 18:40	PB170735
95-48-7	2-Methylphenol	1700		1	33.4	190	ug/Kg	12/01/25 18:40	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	41.9	190	ug/Kg	12/01/25 18:40	PB170735
98-86-2	Acetophenone	1800		1	32.9	190	ug/Kg	12/01/25 18:40	PB170735
65794-96-9	3+4-Methylphenols	1600		1	45.9	370	ug/Kg	12/01/25 18:40	PB170735
621-64-7	n-Nitroso-di-n-propylamine	1600		1	52.9	89.3	ug/Kg	12/01/25 18:40	PB170735
67-72-1	Hexachloroethane	1800		1	19.7	190	ug/Kg	12/01/25 18:40	PB170735
98-95-3	Nitrobenzene	1800		1	20.4	190	ug/Kg	12/01/25 18:40	PB170735
78-59-1	Isophorone	1700		1	36.6	190	ug/Kg	12/01/25 18:40	PB170735
88-75-5	2-Nitrophenol	1800		1	65.0	190	ug/Kg	12/01/25 18:40	PB170735
105-67-9	2,4-Dimethylphenol	1700		1	72.4	190	ug/Kg	12/01/25 18:40	PB170735
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.4	190	ug/Kg	12/01/25 18:40	PB170735
120-83-2	2,4-Dichlorophenol	1800		1	31.6	190	ug/Kg	12/01/25 18:40	PB170735
91-20-3	Naphthalene	1700		1	25.3	190	ug/Kg	12/01/25 18:40	PB170735
106-47-8	4-Chloroaniline	790		1	39.5	190	ug/Kg	12/01/25 18:40	PB170735
87-68-3	Hexachlorobutadiene	1900		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
105-60-2	Caprolactam	1500		1	58.2	370	ug/Kg	12/01/25 18:40	PB170735
59-50-7	4-Chloro-3-methylphenol	1600		1	32.0	190	ug/Kg	12/01/25 18:40	PB170735
91-57-6	2-Methylnaphthalene	1500		1	28.6	190	ug/Kg	12/01/25 18:40	PB170735
77-47-4	Hexachlorocyclopentadiene	3800	E	1	130	370	ug/Kg	12/01/25 18:40	PB170735
88-06-2	2,4,6-Trichlorophenol	1900		1	22.1	190	ug/Kg	12/01/25 18:40	PB170735
95-95-4	2,4,5-Trichlorophenol	1800		1	32.5	190	ug/Kg	12/01/25 18:40	PB170735
92-52-4	1,1-Biphenyl	1900		1	24.3	190	ug/Kg	12/01/25 18:40	PB170735
91-58-7	2-Chloronaphthalene	1800		1	25.1	190	ug/Kg	12/01/25 18:40	PB170735
88-74-4	2-Nitroaniline	1800		1	53.7	190	ug/Kg	12/01/25 18:40	PB170735
131-11-3	Dimethylphthalate	1700		1	30.3	190	ug/Kg	12/01/25 18:40	PB170735
208-96-8	Acenaphthylene	1800		1	32.3	190	ug/Kg	12/01/25 18:40	PB170735
606-20-2	2,6-Dinitrotoluene	1900		1	37.5	190	ug/Kg	12/01/25 18:40	PB170735
99-09-2	3-Nitroaniline	1000		1	51.4	190	ug/Kg	12/01/25 18:40	PB170735
83-32-9	Acenaphthene	1800		1	23.8	190	ug/Kg	12/01/25 18:40	PB170735
51-28-5	2,4-Dinitrophenol	3600	E	1	260	370	ug/Kg	12/01/25 18:40	PB170735
100-02-7	4-Nitrophenol	3200	E	1	120	370	ug/Kg	12/01/25 18:40	PB170735
132-64-9	Dibenzofuran	1800		1	25.3	190	ug/Kg	12/01/25 18:40	PB170735
121-14-2	2,4-Dinitrotoluene	1700		1	55.9	190	ug/Kg	12/01/25 18:40	PB170735
84-66-2	Diethylphthalate	1800		1	31.6	190	ug/Kg	12/01/25 18:40	PB170735
7005-72-3	4-Chlorophenyl-phenylether	1800		1	29.8	190	ug/Kg	12/01/25 18:40	PB170735
86-73-7	Fluorene	1800		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
100-01-6	4-Nitroaniline	1400		1	71.7	190	ug/Kg	12/01/25 18:40	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	1800		1	120	370	ug/Kg	12/01/25 18:40	PB170735

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Lab Sample ID:	Q3719-10MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.05 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.7	190	ug/Kg	12/01/25 18:40	PB170735
101-55-3	4-Bromophenyl-phenylether	1900		1	31.0	190	ug/Kg	12/01/25 18:40	PB170735
118-74-1	Hexachlorobenzene	1900		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
1912-24-9	Atrazine	1800		1	38.0	190	ug/Kg	12/01/25 18:40	PB170735
87-86-5	Pentachlorophenol	3700	E	1	57.3	370	ug/Kg	12/01/25 18:40	PB170735
85-01-8	Phenanthrene	1900		1	23.3	190	ug/Kg	12/01/25 18:40	PB170735
120-12-7	Anthracene	1800		1	37.2	190	ug/Kg	12/01/25 18:40	PB170735
86-74-8	Carbazole	1800		1	34.8	190	ug/Kg	12/01/25 18:40	PB170735
84-74-2	Di-n-butylphthalate	1900		1	53.5	190	ug/Kg	12/01/25 18:40	PB170735
206-44-0	Fluoranthene	1900		1	33.5	190	ug/Kg	12/01/25 18:40	PB170735
129-00-0	Pyrene	1800		1	40.2	190	ug/Kg	12/01/25 18:40	PB170735
85-68-7	Butylbenzylphthalate	1800		1	79.7	190	ug/Kg	12/01/25 18:40	PB170735
91-94-1	3,3-Dichlorobenzidine	1300		1	41.0	370	ug/Kg	12/01/25 18:40	PB170735
56-55-3	Benzo(a)anthracene	1900		1	25.7	190	ug/Kg	12/01/25 18:40	PB170735
218-01-9	Chrysene	1900		1	22.2	190	ug/Kg	12/01/25 18:40	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	66.1	190	ug/Kg	12/01/25 18:40	PB170735
117-84-0	Di-n-octyl phthalate	1800		1	96.9	370	ug/Kg	12/01/25 18:40	PB170735
205-99-2	Benzo(b)fluoranthene	1900		1	21.2	190	ug/Kg	12/01/25 18:40	PB170735
207-08-9	Benzo(k)fluoranthene	1900		1	25.0	190	ug/Kg	12/01/25 18:40	PB170735
50-32-8	Benzo(a)pyrene	1900		1	32.9	190	ug/Kg	12/01/25 18:40	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.5	190	ug/Kg	12/01/25 18:40	PB170735
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.6	190	ug/Kg	12/01/25 18:40	PB170735
191-24-2	Benzo(g,h,i)perylene	1900		1	28.7	190	ug/Kg	12/01/25 18:40	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.6	190	ug/Kg	12/01/25 18:40	PB170735
123-91-1	1,4-Dioxane	1600		1	50.5	190	ug/Kg	12/01/25 18:40	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	30.6	190	ug/Kg	12/01/25 18:40	PB170735

SURROGATES

367-12-4	2-Fluorophenol	62.3			30 (10) - 130 (105)	42%	SPK: 150
13127-88-3	Phenol-d6	60.3			30 (10) - 130 (103)	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.9			30 (10) - 130 (108)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.2			30 (10) - 130 (108)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.3			30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	40.4			30 (10) - 130 (109)	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	223000
1146-65-2	Naphthalene-d8	846000
15067-26-2	Acenaphthene-d10	491000
1517-22-2	Phenanthrene-d10	903000
1719-03-5	Chrysene-d12	1040000
1520-96-3	Perylene-d12	1290000

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	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.05 g		
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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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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