

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170735BS	SDG No.:	Q3604
Lab Sample ID:	PB170735BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/2015		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1600	1	160		330	ug/Kg	11/26/25 14:30	PB170735
108-95-2	Phenol	1300	1	22.1		170	ug/Kg	11/26/25 14:30	PB170735
111-44-4	bis(2-Chloroethyl)ether	1500	1	24.3		170	ug/Kg	11/26/25 14:30	PB170735
95-57-8	2-Chlorophenol	1500	1	24.4		170	ug/Kg	11/26/25 14:30	PB170735
95-48-7	2-Methylphenol	1400	1	29.9		170	ug/Kg	11/26/25 14:30	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	1500	1	37.5		170	ug/Kg	11/26/25 14:30	PB170735
98-86-2	Acetophenone	1500	1	29.5		170	ug/Kg	11/26/25 14:30	PB170735
65794-96-9	3+4-Methylphenols	1400	1	41.1		330	ug/Kg	11/26/25 14:30	PB170735
621-64-7	n-Nitroso-di-n-propylamine	1400	1	47.4		79.9	ug/Kg	11/26/25 14:30	PB170735
67-72-1	Hexachloroethane	1400	1	17.6		170	ug/Kg	11/26/25 14:30	PB170735
98-95-3	Nitrobenzene	1400	1	18.3		170	ug/Kg	11/26/25 14:30	PB170735
78-59-1	Isophorone	1500	1	32.8		170	ug/Kg	11/26/25 14:30	PB170735
88-75-5	2-Nitrophenol	1500	1	58.1		170	ug/Kg	11/26/25 14:30	PB170735
105-67-9	2,4-Dimethylphenol	1600	1	64.7		170	ug/Kg	11/26/25 14:30	PB170735
111-91-1	bis(2-Chloroethoxy)methane	1500	1	30.8		170	ug/Kg	11/26/25 14:30	PB170735
120-83-2	2,4-Dichlorophenol	1400	1	28.3		170	ug/Kg	11/26/25 14:30	PB170735
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	11/26/25 14:30	PB170735
106-47-8	4-Chloroaniline	860	1	35.4		170	ug/Kg	11/26/25 14:30	PB170735
87-68-3	Hexachlorobutadiene	1300	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
105-60-2	Caprolactam	1500	1	52.0		330	ug/Kg	11/26/25 14:30	PB170735
59-50-7	4-Chloro-3-methylphenol	1400	1	28.7		170	ug/Kg	11/26/25 14:30	PB170735
91-57-6	2-Methylnaphthalene	1300	1	25.6		170	ug/Kg	11/26/25 14:30	PB170735
77-47-4	Hexachlorocyclopentadiene	2500	1	120		330	ug/Kg	11/26/25 14:30	PB170735
88-06-2	2,4,6-Trichlorophenol	1400	1	19.8		170	ug/Kg	11/26/25 14:30	PB170735
95-95-4	2,4,5-Trichlorophenol	1300	1	29.1		170	ug/Kg	11/26/25 14:30	PB170735
92-52-4	1,1-Biphenyl	1600	1	21.8		170	ug/Kg	11/26/25 14:30	PB170735
91-58-7	2-Chloronaphthalene	1400	1	22.5		170	ug/Kg	11/26/25 14:30	PB170735
88-74-4	2-Nitroaniline	1400	1	48.1		170	ug/Kg	11/26/25 14:30	PB170735
131-11-3	Dimethylphthalate	1500	1	27.1		170	ug/Kg	11/26/25 14:30	PB170735
208-96-8	Acenaphthylene	1600	1	28.9		170	ug/Kg	11/26/25 14:30	PB170735
606-20-2	2,6-Dinitrotoluene	1500	1	33.6		170	ug/Kg	11/26/25 14:30	PB170735
99-09-2	3-Nitroaniline	1100	1	46.0		170	ug/Kg	11/26/25 14:30	PB170735
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	11/26/25 14:30	PB170735
51-28-5	2,4-Dinitrophenol	2600	1	230		330	ug/Kg	11/26/25 14:30	PB170735
100-02-7	4-Nitrophenol	2100	1	110		330	ug/Kg	11/26/25 14:30	PB170735
132-64-9	Dibenzofuran	1400	1	22.7		170	ug/Kg	11/26/25 14:30	PB170735
121-14-2	2,4-Dinitrotoluene	1400	1	50.0		170	ug/Kg	11/26/25 14:30	PB170735
84-66-2	Diethylphthalate	1400	1	28.3		170	ug/Kg	11/26/25 14:30	PB170735
7005-72-3	4-Chlorophenyl-phenylether	1300	1	26.7		170	ug/Kg	11/26/25 14:30	PB170735
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
100-01-6	4-Nitroaniline	1300	1	64.1		170	ug/Kg	11/26/25 14:30	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	1400	1	100		330	ug/Kg	11/26/25 14:30	PB170735

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Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

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86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	11/26/25 14:30	PB170735
101-55-3	4-Bromophenyl-phenylether	1400	1	27.8		170	ug/Kg	11/26/25 14:30	PB170735
118-74-1	Hexachlorobenzene	1400	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
1912-24-9	Atrazine	1500	1	34.0		170	ug/Kg	11/26/25 14:30	PB170735
87-86-5	Pentachlorophenol	2700	1	51.2		330	ug/Kg	11/26/25 14:30	PB170735
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	11/26/25 14:30	PB170735
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	11/26/25 14:30	PB170735
86-74-8	Carbazole	1400	1	31.2		170	ug/Kg	11/26/25 14:30	PB170735
84-74-2	Di-n-butylphthalate	1500	1	47.9		170	ug/Kg	11/26/25 14:30	PB170735
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	11/26/25 14:30	PB170735
129-00-0	Pyrene	1400	1	36.0		170	ug/Kg	11/26/25 14:30	PB170735
85-68-7	Butylbenzylphthalate	1500	1	71.3		170	ug/Kg	11/26/25 14:30	PB170735
91-94-1	3,3-Dichlorobenzidine	1200	1	36.7		330	ug/Kg	11/26/25 14:30	PB170735
56-55-3	Benzo(a)anthracene	1500	1	23.0		170	ug/Kg	11/26/25 14:30	PB170735
218-01-9	Chrysene	1400	1	19.9		170	ug/Kg	11/26/25 14:30	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	1600	1	59.1		170	ug/Kg	11/26/25 14:30	PB170735
117-84-0	Di-n-octyl phthalate	1700	1	86.7		330	ug/Kg	11/26/25 14:30	PB170735
205-99-2	Benzo(b)fluoranthene	1800	1	19.0		170	ug/Kg	11/26/25 14:30	PB170735
207-08-9	Benzo(k)fluoranthene	1500	1	22.4		170	ug/Kg	11/26/25 14:30	PB170735
50-32-8	Benzo(a)pyrene	1700	1	29.5		170	ug/Kg	11/26/25 14:30	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	1500	1	29.1		170	ug/Kg	11/26/25 14:30	PB170735
53-70-3	Dibenzo(a,h)anthracene	1600	1	27.4		170	ug/Kg	11/26/25 14:30	PB170735
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	11/26/25 14:30	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	1	25.6		170	ug/Kg	11/26/25 14:30	PB170735
123-91-1	1,4-Dioxane	1300	1	45.2		170	ug/Kg	11/26/25 14:30	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	1400	1	27.4		170	ug/Kg	11/26/25 14:30	PB170735

SURROGATES

367-12-4	2-Fluorophenol	112		30 (10) - 130 (105)	75%	SPK: 150
13127-88-3	Phenol-d6	113		30 (10) - 130 (103)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		30 (10) - 130 (108)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		30 (10) - 130 (108)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		30 (10) - 130 (116)	72%	SPK: 150
1718-51-0	Terphenyl-d14	76.5		30 (10) - 130 (109)	76%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	62500
1146-65-2	Naphthalene-d8	243000
15067-26-2	Acenaphthene-d10	133000
1517-22-2	Phenanthrene-d10	216000
1719-03-5	Chrysene-d12	135000
1520-96-3	Perylene-d12	165000

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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