

Report of Analysis

Client:	Roman E&G Corp		Date Collected:	
Project:	Perth Amboy		Date Received:	
Client Sample ID:	VY1002SBSD02		SDG No.:	P4258
Lab Sample ID:	VY1002SBSD02		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019770.D	1		10/02/24 17:19	VY100224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.0		1.70	5.00	ug/Kg
74-87-3	Chloromethane	18.6		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.3		0.77	5.00	ug/Kg
74-83-9	Bromomethane	22.8		1.00	5.00	ug/Kg
75-00-3	Chloroethane	23.3		1.00	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.6		0.91	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.1		0.78	5.00	ug/Kg
67-64-1	Acetone	120		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	12.8		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.9		0.67	5.00	ug/Kg
79-20-9	Methyl Acetate	22.0		1.80	5.00	ug/Kg
75-09-2	Methylene Chloride	24.3		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.1		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.8		0.63	5.00	ug/Kg
110-82-7	Cyclohexane	18.1		0.69	5.00	ug/Kg
78-93-3	2-Butanone	120		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.4		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.9		0.61	5.00	ug/Kg
74-97-5	Bromochloromethane	23.1		2.40	5.00	ug/Kg
67-66-3	Chloroform	24.1		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.5		0.78	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.6		0.87	5.00	ug/Kg
71-43-2	Benzene	20.6		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.6		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	20.0		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.2		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.9		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		4.40	25.0	ug/Kg
108-88-3	Toluene	20.9		0.67	5.00	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	20.5		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.9		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	110		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.1		0.65	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.79	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.6		0.89	5.00	ug/Kg
108-90-7	Chlorobenzene	22.1		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.9		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.4		1.40	10.0	ug/Kg
95-47-6	o-Xylene	21.4		0.70	5.00	ug/Kg
100-42-5	Styrene	21.6		0.60	5.00	ug/Kg
75-25-2	Bromoform	21.1		0.81	5.00	ug/Kg
98-82-8	Isopropylbenzene	22.7		0.67	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	23.9		1.10	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	22.9		0.74	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.9		0.80	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.8		0.59	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	22.6		1.60	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.1		0.79	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.7		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		50 - 163	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		54 - 147	101%	SPK: 50
2037-26-5	Toluene-d8	49.1		58 - 134	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		29 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	278000	7.707			
540-36-3	1,4-Difluorobenzene	491000	8.616			
3114-55-4	Chlorobenzene-d5	408000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.34			

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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