284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.4
Sample Wt/Vol:	5.02 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
VY021412.D	1		03/05/25 14:58	VY030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.80	U	1.80	5.40	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.40	ug/Kg
75-01-4	Vinyl Chloride	0.83	U	0.83	5.40	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.40	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	0.98	U	0.98	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.84	U	0.84	5.40	ug/Kg
67-64-1	Acetone	12.2	J	6.70	26.9	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	5.40	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	5.40	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.68	U	0.68	5.40	ug/Kg
110-82-7	Cyclohexane	0.74	U	0.74	5.40	ug/Kg
78-93-3	2-Butanone	6.10	U	6.10	26.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.94	U	0.94	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.66	U	0.66	5.40	ug/Kg
74-97-5	Bromochloromethane	2.60	U	2.60	5.40	ug/Kg
67-66-3	Chloroform	0.72	U	0.72	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.84	U	0.84	5.40	ug/Kg
108-87-2	Methylcyclohexane	0.94	U	0.94	5.40	ug/Kg
71-43-2	Benzene	0.78	U	0.78	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.66	U	0.66	5.40	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.71	U	0.71	5.40	ug/Kg
75-27-4	Bromodichloromethane	0.60	U	0.60	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.70	U	4.70	26.9	ug/Kg
108-88-3	Toluene	0.72	U	0.72	5.40	ug/Kg

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VY021412.D	1		03/05/25 14:58	VY030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.61	U	0.61	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	5.40	ug/Kg
591-78-6	2-Hexanone	5.20	U	5.20	26.9	ug/Kg
124-48-1	Dibromochloromethane	0.70	U	0.70	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.85	U	0.85	5.40	ug/Kg
127-18-4	Tetrachloroethene	0.96	U	0.96	5.40	ug/Kg
108-90-7	Chlorobenzene	0.80	U	0.80	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.40	ug/Kg
179601-23-1	m/p-Xylenes	3.90	J	1.50	10.8	ug/Kg
95-47-6	o-Xylene	2.30	J	0.75	5.40	ug/Kg
100-42-5	Styrene	0.65	U	0.65	5.40	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	5.40	ug/Kg
98-82-8	Isopropylbenzene	3.90	J	0.72	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.80	U	0.80	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.64	U	0.64	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.85	U	0.85	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.84	U	0.84	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.0		70 (63) - 130 (155)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		70 (38) - 130 (136)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	247000	7.707			
540-36-3	1,4-Difluorobenzene	461000	8.609			
3114-55-4	Chlorobenzene-d5	409000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	165000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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103-65-1	n-propylbenzene	9.50	J		12.6	ug/Kg
1010309-68-1	Oxalic acid, cyclohexylmethyl prop	250	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	9.10	J		12.7	ug/Kg
002847-72-5	Decane, 4-methyl-	690	J		13.0	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	130	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	15.0	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	3.10	J		13.3	ug/Kg
000105-05-5	Benzene, 1,4-diethyl-	240	J		13.5	ug/Kg
104-51-8	n-Butylbenzene	24.9	J		13.6	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	890	J		13.7	ug/Kg
000099-87-6	p-Cymene	380	J		13.8	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	390	J		13.9	ug/Kg
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	260	J		14.0	ug/Kg
	unknown14.182	280	J		14.2	ug/Kg
000527-84-4	o-Cymene	200	J		14.3	ug/Kg
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	280	J		14.6	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