

Report of Analysis

Client:	G Environmental		Date Collected:	06/19/25	
Project:	Buff		Date Received:	06/19/25	
Client Sample ID:	RPXY42025		SDG No.:	Q2371	
Lab Sample ID:	Q2371-04		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	89.5	
Sample Wt/Vol:	6.82	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046819.D	40		06/23/25 14:50	VX062325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1900	U	1900	8200	ug/Kg
74-87-3	Chloromethane	1900	U	1900	8200	ug/Kg
75-01-4	Vinyl Chloride	1300	U	1300	8200	ug/Kg
74-83-9	Bromomethane	1800	U	1800	8200	ug/Kg
75-00-3	Chloroethane	2100	U	2100	8200	ug/Kg
75-69-4	Trichlorofluoromethane	2000	U	2000	8200	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1700	U	1700	8200	ug/Kg
75-35-4	1,1-Dichloroethene	1600	U	1600	8200	ug/Kg
67-64-1	Acetone	7800	U	7800	41000	ug/Kg
75-15-0	Carbon Disulfide	1700	U	1700	8200	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1200	U	1200	8200	ug/Kg
79-20-9	Methyl Acetate	2500	U	2500	8200	ug/Kg
75-09-2	Methylene Chloride	5800	U	5800	16400	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1400	U	1400	8200	ug/Kg
75-34-3	1,1-Dichloroethane	1300	U	1300	8200	ug/Kg
110-82-7	Cyclohexane	1300	U	1300	8200	ug/Kg
78-93-3	2-Butanone	10700	U	10700	41000	ug/Kg
56-23-5	Carbon Tetrachloride	1600	U	1600	8200	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1200	U	1200	8200	ug/Kg
74-97-5	Bromochloromethane	1900	U	1900	8200	ug/Kg
67-66-3	Chloroform	1400	U	1400	8200	ug/Kg
71-55-6	1,1,1-Trichloroethane	1500	U	1500	8200	ug/Kg
108-87-2	Methylcyclohexane	1500	U	1500	8200	ug/Kg
71-43-2	Benzene	1300	U	1300	8200	ug/Kg
107-06-2	1,2-Dichloroethane	1300	U	1300	8200	ug/Kg
79-01-6	Trichloroethene	1300	U	1300	8200	ug/Kg
78-87-5	1,2-Dichloropropane	1500	U	1500	8200	ug/Kg
75-27-4	Bromodichloromethane	1300	U	1300	8200	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5900	U	5900	41000	ug/Kg
108-88-3	Toluene	11600		1300	8200	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	1100	U	1100	8200	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1000	U	1000	8200	ug/Kg
79-00-5	1,1,2-Trichloroethane	1500	U	1500	8200	ug/Kg
591-78-6	2-Hexanone	6000	U	6000	41000	ug/Kg
124-48-1	Dibromochloromethane	1400	U	1400	8200	ug/Kg
106-93-4	1,2-Dibromoethane	1400	U	1400	8200	ug/Kg
127-18-4	Tetrachloroethene	1700	U	1700	8200	ug/Kg
108-90-7	Chlorobenzene	1500	U	1500	8200	ug/Kg
100-41-4	Ethyl Benzene	449000	E	1100	8200	ug/Kg
179601-23-1	m/p-Xylenes	1410000	E	2000	16400	ug/Kg
95-47-6	o-Xylene	370000	E	1300	8200	ug/Kg
100-42-5	Styrene	1200	U	1200	8200	ug/Kg
75-25-2	Bromoform	1400	U	1400	8200	ug/Kg
98-82-8	Isopropylbenzene	4500	J	1300	8200	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2000	U	2000	8200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2800	U	2800	8200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2600	U	2600	8200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2400	U	2400	8200	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3000	U	3000	8200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4900	U	4900	8200	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5200	U	5200	8200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		70 (63) - 130 (155)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 (70) - 130 (134)	97%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		70 (17) - 130 (146)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	5.568			
540-36-3	1,4-Difluorobenzene	290000	6.769			
3114-55-4	Chlorobenzene-d5	268000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	122000	12.018			

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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