

Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX6ME		SDG No.:	Q2480	
Lab Sample ID:	Q2480-06ME		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	86.9	
Sample Wt/Vol:	6.16	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:	Date Analyzed	Prep Batch ID
VX046956.D	10	07/10/25 19:20	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	530	UD	530	2300	ug/Kg
74-87-3	Chloromethane	530	UD	530	2300	ug/Kg
75-01-4	Vinyl Chloride	370	UD	370	2300	ug/Kg
74-83-9	Bromomethane	500	UDQ	500	2300	ug/Kg
75-00-3	Chloroethane	590	UD	590	2300	ug/Kg
75-69-4	Trichlorofluoromethane	570	UD	570	2300	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	500	2300	ug/Kg
75-35-4	1,1-Dichloroethene	470	UD	470	2300	ug/Kg
67-64-1	Acetone	2200	UD	2200	11700	ug/Kg
75-15-0	Carbon Disulfide	500	UD	500	2300	ug/Kg
1634-04-4	Methyl tert-butyl Ether	340	UD	340	2300	ug/Kg
79-20-9	Methyl Acetate	720	UD	720	2300	ug/Kg
75-09-2	Methylene Chloride	1600	UD	1600	4700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	400	UD	400	2300	ug/Kg
75-34-3	1,1-Dichloroethane	370	UD	370	2300	ug/Kg
110-82-7	Cyclohexane	370	UD	370	2300	ug/Kg
78-93-3	2-Butanone	3100	UD	3100	11700	ug/Kg
56-23-5	Carbon Tetrachloride	450	UD	450	2300	ug/Kg
156-59-2	cis-1,2-Dichloroethene	350	UD	350	2300	ug/Kg
74-97-5	Bromochloromethane	540	UD	540	2300	ug/Kg
67-66-3	Chloroform	390	UD	390	2300	ug/Kg
71-55-6	1,1,1-Trichloroethane	430	UD	430	2300	ug/Kg
108-87-2	Methylcyclohexane	2000	JD	420	2300	ug/Kg
71-43-2	Benzene	370	UD	370	2300	ug/Kg
107-06-2	1,2-Dichloroethane	370	UD	370	2300	ug/Kg
79-01-6	Trichloroethene	380	UD	380	2300	ug/Kg
78-87-5	1,2-Dichloropropane	420	UD	420	2300	ug/Kg
75-27-4	Bromodichloromethane	360	UD	360	2300	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1700	UD	1700	11700	ug/Kg
108-88-3	Toluene	360	UD	360	2300	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	300	UD	300	2300	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	290	UD	290	2300	ug/Kg
79-00-5	1,1,2-Trichloroethane	430	UD	430	2300	ug/Kg
591-78-6	2-Hexanone	1700	UD	1700	11700	ug/Kg
124-48-1	Dibromochloromethane	410	UD	410	2300	ug/Kg
106-93-4	1,2-Dibromoethane	410	UD	410	2300	ug/Kg
127-18-4	Tetrachloroethene	490	UD	490	2300	ug/Kg
108-90-7	Chlorobenzene	420	UD	420	2300	ug/Kg
100-41-4	Ethyl Benzene	690	JD	310	2300	ug/Kg
179601-23-1	m/p-Xylenes	580	UD	580	4700	ug/Kg
95-47-6	o-Xylene	380	UD	380	2300	ug/Kg
100-42-5	Styrene	330	UD	330	2300	ug/Kg
75-25-2	Bromoform	400	UD	400	2300	ug/Kg
98-82-8	Isopropylbenzene	360	UD	360	2300	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	570	UD	570	2300	ug/Kg
541-73-1	1,3-Dichlorobenzene	800	UD	800	2300	ug/Kg
106-46-7	1,4-Dichlorobenzene	730	UD	730	2300	ug/Kg
95-50-1	1,2-Dichlorobenzene	680	UD	680	2300	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	860	UD	860	2300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400	UD	1400	2300	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1500	UD	1500	2300	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	50.0		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	353000	5.562			
540-36-3	1,4-Difluorobenzene	617000	6.763			
3114-55-4	Chlorobenzene-d5	564000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	282000	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