

Report of Analysis

Client:	G Environmental		Date Collected:	02/27/25	
Project:	Fisal		Date Received:	02/27/25	
Client Sample ID:	T3		SDG No.:	Q1463	
Lab Sample ID:	Q1463-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	89.7	
Sample Wt/Vol:	5.45	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021455.D	1		03/07/25 12:55	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.20	U	1.20	5.10	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.10	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.10	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.10	ug/Kg
75-65-0	Tert butyl alcohol	16.0	U	16.0	25.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.80	U	0.80	5.10	ug/Kg
67-64-1	Acetone	6.40	U	6.40	25.6	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	5.10	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.64	U	0.64	5.10	ug/Kg
78-93-3	2-Butanone	5.80	U	5.80	25.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.89	U	0.89	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.62	U	0.62	5.10	ug/Kg
67-66-3	Chloroform	0.69	U	0.69	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.80	U	0.80	5.10	ug/Kg
71-43-2	Benzene	6.00		0.74	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.62	U	0.62	5.10	ug/Kg
79-01-6	Trichloroethene	0.77	U	0.77	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.68	U	0.68	5.10	ug/Kg
75-27-4	Bromodichloromethane	0.57	U	0.57	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.40	U	4.40	25.6	ug/Kg
108-88-3	Toluene	11.8		0.69	5.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	5.10	ug/Kg
591-78-6	2-Hexanone	4.90	U	4.90	25.6	ug/Kg
124-48-1	Dibromochloromethane	0.66	U	0.66	5.10	ug/Kg
127-18-4	Tetrachloroethene	1.50	J	0.91	5.10	ug/Kg

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108-90-7	Chlorobenzene	0.76	U	0.76	5.10	ug/Kg
100-41-4	Ethyl Benzene	3.50	J	0.63	5.10	ug/Kg
179601-23-1	m/p-Xylenes	18.6		1.40	10.2	ug/Kg
95-47-6	o-Xylene	8.70		0.72	5.10	ug/Kg
100-42-5	Styrene	0.61	U	0.61	5.10	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.9		70 (63) - 130 (155)	78%	SPK: 50
1868-53-7	Dibromofluoromethane	35.2		70 (70) - 130 (134)	70%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.3	*	70 (38) - 130 (136)	67%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	305000	7.683			
540-36-3	1,4-Difluorobenzene	465000	8.603			
3114-55-4	Chlorobenzene-d5	350000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	111000	13.359			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-10-6	Dimethyl ether	57.8	J		2.00	ug/Kg
000121-43-7	Boric acid, trimethyl ester	61.4	J		6.37	ug/Kg
000589-34-4	Hexane, 3-methyl-	7.10	J		7.88	ug/Kg
000540-84-1	Pentane, 2,2,4-trimethyl-	21.2	J		8.22	ug/Kg
000142-82-5	Heptane	7.90	J		8.45	ug/Kg
108-87-2	Methylcyclohexane	4.80	J		9.09	ug/Kg
000565-75-3	Pentane, 2,3,4-trimethyl-	14.3	J		9.53	ug/Kg
000921-47-1	Hexane, 2,3,4-trimethyl-	21.7	J		9.66	ug/Kg
000589-81-1	Heptane, 3-methyl-	5.70	J		9.87	ug/Kg
000111-65-9	Octane	5.10	J		10.3	ug/Kg
98-82-8	Isopropylbenzene	1.40	J		12.3	ug/Kg
103-65-1	n-propylbenzene	1.40	J		12.6	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	9.80	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.10	J		12.7	ug/Kg

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000127-91-3	.beta.-Pinene	8.20	J		12.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	7.20	J		13.1	ug/Kg
056862-62-5	10-Methylnonadecane	6.40	J		13.2	ug/Kg
001074-55-1	Benzene, 1-methyl-4-propyl-	8.80	J		13.6	ug/Kg
91-20-3	Naphthalene	2.80	J		15.1	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