

Report of Analysis

Client:	G Environmental		Date Collected:	03/03/25	
Project:	Fisal		Date Received:	03/03/25	
Client Sample ID:	DSP2		SDG No.:	Q1479	
Lab Sample ID:	Q1479-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90.9	
Sample Wt/Vol:	7.5	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
VY021456.D	1		03/07/25 13:18	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.85	U	0.85	3.70	ug/Kg
75-01-4	Vinyl Chloride	0.56	U	0.56	3.70	ug/Kg
74-83-9	Bromomethane	0.76	U	0.76	3.70	ug/Kg
75-00-3	Chloroethane	0.74	U	0.74	3.70	ug/Kg
75-65-0	Tert butyl alcohol	11.4	U	11.4	18.3	ug/Kg
75-35-4	1,1-Dichloroethene	0.57	U	0.57	3.70	ug/Kg
67-64-1	Acetone	4.60	U	4.60	18.3	ug/Kg
75-15-0	Carbon Disulfide	0.94	U	0.94	3.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.49	U	0.49	3.70	ug/Kg
75-09-2	Methylene Chloride	2.50	U	2.50	7.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.62	U	0.62	3.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.46	U	0.46	3.70	ug/Kg
78-93-3	2-Butanone	4.20	U	4.20	18.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.64	U	0.64	3.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.45	U	0.45	3.70	ug/Kg
67-66-3	Chloroform	0.49	U	0.49	3.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.57	U	0.57	3.70	ug/Kg
71-43-2	Benzene	1.80	J	0.53	3.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.45	U	0.45	3.70	ug/Kg
79-01-6	Trichloroethene	0.55	U	0.55	3.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.48	U	0.48	3.70	ug/Kg
75-27-4	Bromodichloromethane	0.41	U	0.41	3.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.20	U	3.20	18.3	ug/Kg
108-88-3	Toluene	10.3		0.49	3.70	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.44	U	0.44	3.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.42	U	0.42	3.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.62	U	0.62	3.70	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	18.3	ug/Kg
124-48-1	Dibromochloromethane	0.48	U	0.48	3.70	ug/Kg
127-18-4	Tetrachloroethene	0.65	U	0.65	3.70	ug/Kg

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108-90-7	Chlorobenzene	0.54	U	0.54	3.70	ug/Kg
100-41-4	Ethyl Benzene	2.00	J	0.45	3.70	ug/Kg
179601-23-1	m/p-Xylenes	17.0		0.99	7.30	ug/Kg
95-47-6	o-Xylene	4.20		0.51	3.70	ug/Kg
100-42-5	Styrene	0.44	U	0.44	3.70	ug/Kg
75-25-2	Bromoform	0.59	U	0.59	3.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.81	U	0.81	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.7		70 (63) - 130 (155)	79%	SPK: 50
1868-53-7	Dibromofluoromethane	36.3		70 (70) - 130 (134)	73%	SPK: 50
2037-26-5	Toluene-d8	46.7		70 (74) - 130 (123)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.4		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	338000	7.683			
540-36-3	1,4-Difluorobenzene	510000	8.603			
3114-55-4	Chlorobenzene-d5	400000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	147000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-10-6	Dimethyl ether	70.1	J		2.00	ug/Kg
000121-43-7	Boric acid, trimethyl ester	53.6	J		6.38	ug/Kg
	unknown8.213	6.90	J		8.21	ug/Kg
000372-18-9	Benzene, 1,3-difluoro-	14.7	J		8.72	ug/Kg
103-65-1	n-propylbenzene	1.10	J		12.6	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	9.00	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	10.4	J		12.7	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	6.30	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	19.2	J		13.0	ug/Kg
001074-43-7	Benzene, 1-methyl-3-propyl-	7.10	J		13.5	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	16.2	J		13.6	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	6.70	J		13.8	ug/Kg
000527-84-4	o-Cymene	9.40	J		13.9	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	7.80	J		14.2	ug/Kg

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000095-93-2	Benzene, 1,2,4,5-tetramethyl-	9.50	J		14.3	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	5.00	J		14.3	ug/Kg
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)	9.30	J		14.6	ug/Kg
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	8.10	J		14.9	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