

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB2RE	SDG No.:	Q1939
Lab Sample ID:	Q1939-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78
Sample Wt/Vol:	7.16 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086558.D	1		05/09/25 13:31	VN050925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	100	U	100	450	ug/Kg
74-87-3	Chloromethane	100	U	100	450	ug/Kg
75-01-4	Vinyl Chloride	70.7	U	70.7	450	ug/Kg
74-83-9	Bromomethane	95.8	U	95.8	450	ug/Kg
75-00-3	Chloroethane	110	U	110	450	ug/Kg
75-69-4	Trichlorofluoromethane	110	U	110	450	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	94.9	U	94.9	450	ug/Kg
75-35-4	1,1-Dichloroethene	89.5	U	89.5	450	ug/Kg
67-64-1	Acetone	420	U	420	2200	ug/Kg
75-15-0	Carbon Disulfide	94.9	U	94.9	450	ug/Kg
1634-04-4	Methyl tert-butyl Ether	65.4	U	65.4	450	ug/Kg
79-20-9	Methyl Acetate	340	J	140	450	ug/Kg
75-09-2	Methylene Chloride	320	U	320	900	ug/Kg
156-60-5	trans-1,2-Dichloroethene	77.0	U	77.0	450	ug/Kg
75-34-3	1,1-Dichloroethane	71.6	U	71.6	450	ug/Kg
110-82-7	Cyclohexane	70.7	U	70.7	450	ug/Kg
78-93-3	2-Butanone	590	U	590	2200	ug/Kg
56-23-5	Carbon Tetrachloride	86.8	U	86.8	450	ug/Kg
156-59-2	cis-1,2-Dichloroethene	67.1	U	67.1	450	ug/Kg
74-97-5	Bromochloromethane	100	U	100	450	ug/Kg
67-66-3	Chloroform	75.2	U	75.2	450	ug/Kg
71-55-6	1,1,1-Trichloroethane	83.3	U	83.3	450	ug/Kg
108-87-2	Methylcyclohexane	480		81.5	450	ug/Kg
71-43-2	Benzene	70.7	U	70.7	450	ug/Kg
107-06-2	1,2-Dichloroethane	70.7	U	70.7	450	ug/Kg
79-01-6	Trichloroethene	72.5	U	72.5	450	ug/Kg
78-87-5	1,2-Dichloropropane	81.5	U	81.5	450	ug/Kg
75-27-4	Bromodichloromethane	69.8	U	69.8	450	ug/Kg
108-10-1	4-Methyl-2-Pentanone	320	U	320	2200	ug/Kg
108-88-3	Toluene	69.8	U	69.8	450	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	58.2	U	58.2	450	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	55.5	U	55.5	450	ug/Kg
79-00-5	1,1,2-Trichloroethane	82.4	U	82.4	450	ug/Kg
591-78-6	2-Hexanone	330	U	330	2200	ug/Kg
124-48-1	Dibromochloromethane	77.9	U	77.9	450	ug/Kg
106-93-4	1,2-Dibromoethane	78.8	U	78.8	450	ug/Kg
127-18-4	Tetrachloroethene	94.0	U	94.0	450	ug/Kg
108-90-7	Chlorobenzene	81.5	U	81.5	450	ug/Kg
100-41-4	Ethyl Benzene	60.0	U	60.0	450	ug/Kg
179601-23-1	m/p-Xylenes	110	U	110	900	ug/Kg
95-47-6	o-Xylene	73.4	U	73.4	450	ug/Kg
100-42-5	Styrene	63.6	U	63.6	450	ug/Kg
75-25-2	Bromoform	77.0	U	77.0	450	ug/Kg
98-82-8	Isopropylbenzene	69.8	U	69.8	450	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	110	U	110	450	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	450	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	450	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	450	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	160	U	160	450	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	450	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	280	U	280	450	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		70 (63) - 130 (155)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	62.8		70 (70) - 130 (134)	126%	SPK: 50
2037-26-5	Toluene-d8	52.1		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (38) - 130 (136)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	160000	8.218			
540-36-3	1,4-Difluorobenzene	300000	9.094			
3114-55-4	Chlorobenzene-d5	290000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

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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