

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	VN0505MBS01		SDG No.:	Q1939
Lab Sample ID:	VN0505MBS01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	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
VN086491.D	1		05/05/25 17:13	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2200		110	500	ug/Kg
74-87-3	Chloromethane	2000		110	500	ug/Kg
75-01-4	Vinyl Chloride	2000		79.0	500	ug/Kg
74-83-9	Bromomethane	2400		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	2100		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	1900		100	500	ug/Kg
67-64-1	Acetone	10000		470	2500	ug/Kg
75-15-0	Carbon Disulfide	1700		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1900		73.0	500	ug/Kg
79-20-9	Methyl Acetate	1700		150	500	ug/Kg
75-09-2	Methylene Chloride	2000		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2000		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	1900		80.0	500	ug/Kg
110-82-7	Cyclohexane	1800		79.0	500	ug/Kg
78-93-3	2-Butanone	9000		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	2000		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2000		75.0	500	ug/Kg
74-97-5	Bromochloromethane	1900		120	500	ug/Kg
67-66-3	Chloroform	2000		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	2000		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1900		91.0	500	ug/Kg
71-43-2	Benzene	2000		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	2000		79.0	500	ug/Kg
79-01-6	Trichloroethene	2100		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	1900		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2100		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9400		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1900		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1900		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2100		92.0	500	ug/Kg
591-78-6	2-Hexanone	9500		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2100		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2100		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	2100		110	500	ug/Kg
108-90-7	Chlorobenzene	2000		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	2100		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	4100		120	1000	ug/Kg
95-47-6	o-Xylene	2000		82.0	500	ug/Kg
100-42-5	Styrene	2000		71.0	500	ug/Kg
75-25-2	Bromoform	2000		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2000		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1800		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1900		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (63) - 130 (155)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	57.3		70 (70) - 130 (134)	115%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (38) - 130 (136)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.224			
540-36-3	1,4-Difluorobenzene	324000	9.1			
3114-55-4	Chlorobenzene-d5	294000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	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