

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB3B	SDG No.:	Q1939
Lab Sample ID:	Q1939-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.5
Sample Wt/Vol:	7.07	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
VN086500.D	20		05/05/25 20:50	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1800	U	1800	8000	ug/Kg
74-87-3	Chloromethane	1800	U	1800	8000	ug/Kg
75-01-4	Vinyl Chloride	1300	U	1300	8000	ug/Kg
74-83-9	Bromomethane	1700	U	1700	8000	ug/Kg
75-00-3	Chloroethane	2000	U	2000	8000	ug/Kg
75-69-4	Trichlorofluoromethane	1900	U	1900	8000	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1700	U	1700	8000	ug/Kg
75-35-4	1,1-Dichloroethene	1600	U	1600	8000	ug/Kg
67-64-1	Acetone	7600	U	7600	40000	ug/Kg
75-15-0	Carbon Disulfide	1700	U	1700	8000	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1200	U	1200	8000	ug/Kg
79-20-9	Methyl Acetate	2500	U	2500	8000	ug/Kg
75-09-2	Methylene Chloride	5600	U	5600	16000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1400	U	1400	8000	ug/Kg
75-34-3	1,1-Dichloroethane	1300	U	1300	8000	ug/Kg
110-82-7	Cyclohexane	1300	U	1300	8000	ug/Kg
78-93-3	2-Butanone	10500	U	10500	40000	ug/Kg
56-23-5	Carbon Tetrachloride	1600	U	1600	8000	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1200	U	1200	8000	ug/Kg
74-97-5	Bromochloromethane	1800	U	1800	8000	ug/Kg
67-66-3	Chloroform	1300	U	1300	8000	ug/Kg
71-55-6	1,1,1-Trichloroethane	1500	U	1500	8000	ug/Kg
108-87-2	Methylcyclohexane	45400		1500	8000	ug/Kg
71-43-2	Benzene	1300	U	1300	8000	ug/Kg
107-06-2	1,2-Dichloroethane	1300	U	1300	8000	ug/Kg
79-01-6	Trichloroethene	1300	U	1300	8000	ug/Kg
78-87-5	1,2-Dichloropropane	1500	U	1500	8000	ug/Kg
75-27-4	Bromodichloromethane	1200	U	1200	8000	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5700	U	5700	40000	ug/Kg
108-88-3	Toluene	1200	U	1200	8000	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	1000	U	1000	8000	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	990	U	990	8000	ug/Kg
79-00-5	1,1,2-Trichloroethane	1500	U	1500	8000	ug/Kg
591-78-6	2-Hexanone	5900	U	5900	40000	ug/Kg
124-48-1	Dibromochloromethane	1400	U	1400	8000	ug/Kg
106-93-4	1,2-Dibromoethane	1400	U	1400	8000	ug/Kg
127-18-4	Tetrachloroethene	1700	U	1700	8000	ug/Kg
108-90-7	Chlorobenzene	1500	U	1500	8000	ug/Kg
100-41-4	Ethyl Benzene	1100	U	1100	8000	ug/Kg
179601-23-1	m/p-Xylenes	2000	U	2000	16000	ug/Kg
95-47-6	o-Xylene	1300	U	1300	8000	ug/Kg
100-42-5	Styrene	1100	U	1100	8000	ug/Kg
75-25-2	Bromoform	1400	U	1400	8000	ug/Kg
98-82-8	Isopropylbenzene	7200	J	1200	8000	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1900	U	1900	8000	ug/Kg
541-73-1	1,3-Dichlorobenzene	2700	U	2700	8000	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500	U	2500	8000	ug/Kg
95-50-1	1,2-Dichlorobenzene	2300	U	2300	8000	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2900	U	2900	8000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4700	U	4700	8000	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5100	U	5100	8000	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.8	70 (63) - 130 (155)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	59.3	70 (70) - 130 (134)	119%	SPK: 50
2037-26-5	Toluene-d8	54.9	70 (74) - 130 (123)	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3	70 (38) - 130 (136)	113%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	176000	8.224
540-36-3	1,4-Difluorobenzene	330000	9.1
3114-55-4	Chlorobenzene-d5	317000	11.865
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.788

TENTATIVE IDENTIFIED COMPOUNDS

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001072-05-5	Heptane, 2,6-dimethyl-	65400	J		11.2	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	57300	J		11.3	ug/Kg
001678-91-7	Cyclohexane, ethyl-	52300	J		11.4	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	109000	J		11.5	ug/Kg
000619-99-8	Hexane, 3-ethyl-	60300	J		11.6	ug/Kg
003728-56-1	1-Ethyl-4-methylcyclohexane	77200	J		12.1	ug/Kg
014129-48-7	4-Octen-3-one	50800	J		12.1	ug/Kg
004926-78-7	unknown12.365	129000	J		12.4	ug/Kg
005911-04-6	Nonane, 3-methyl-	119000	J		12.5	ug/Kg
014676-29-0	unknown12.588	352000	J		12.6	ug/Kg
103-65-1	n-propylbenzene	12200	J		13.0	ug/Kg
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	91000	J		13.2	ug/Kg
98-06-6	tert-Butylbenzene	2200	J		13.4	ug/Kg
135-98-8	sec-Butylbenzene	8000	J		13.6	ug/Kg
001678-93-9	Cyclohexane, butyl-	58500	J		13.7	ug/Kg
104-51-8	n-Butylbenzene	3400	J		14.1	ug/Kg
000091-17-8	Naphthalene, decahydro-	52900	J		14.1	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	56500	J		15.0	ug/Kg
004453-90-1	1,4-Methanonaphthalene, 1,4-dihydro-	87600	J		16.8	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