

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	924-K1-WP0-0.25-080224MS	SDG No.:	P3451
Lab Sample ID:	P3466-02MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group6
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN083291.D	1		08/14/24 10:28	VN081324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	49.6		0.21	1.00	ug/L
74-87-3	Chloromethane	50.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	53.7		0.34	1.00	ug/L
74-83-9	Bromomethane	40.3		1.40	5.00	ug/L
75-00-3	Chloroethane	56.4		0.56	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	53.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	52.0		0.26	1.00	ug/L
67-64-1	Acetone	250		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	44.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.1		0.16	1.00	ug/L
75-09-2	Methylene Chloride	51.5		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	51.7		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	55.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	46.9		1.60	5.00	ug/L
78-93-3	2-Butanone	260		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	53.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.0		0.25	1.00	ug/L
67-66-3	Chloroform	57.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	55.4		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	46.5		0.19	1.00	ug/L
71-43-2	Benzene	52.7		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	54.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	51.1		0.32	1.00	ug/L
75-27-4	Bromodichloromethane	53.2		0.24	1.00	ug/L
108-88-3	Toluene	53.8		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	56.4		0.21	1.00	ug/L
124-48-1	Dibromochloromethane	55.2		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	47.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	51.2		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	51.4		0.16	1.00	ug/L

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179601-23-1	m/p-Xylenes	100		0.31	2.00	ug/L
1330-20-7	Total Xylenes	152		0.45	3.00	ug/L
95-47-6	o-Xylene	51.6		0.14	1.00	ug/L
98-82-8	Isopropylbenzene	49.7		0.13	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	49.4		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	49.5		0.19	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.3		70 (74) - 130 (125)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	53.6		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	148000	8.224			
540-36-3	1,4-Difluorobenzene	267000	9.1			
3114-55-4	Chlorobenzene-d5	237000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	114000	13.794			

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