

Report of Analysis

Client:	JACOBS Engineering Group, Inc.		Date Collected:	
Project:	Former Schlumberger Site Princeton NJ		Date Received:	
Client Sample ID:	VN0814WBSD01		SDG No.:	P3596
Lab Sample ID:	VN0814WBSD01		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
VN083300.D	1		08/14/24 14:51	VN081424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.9		0.21	1.00	ug/L
74-87-3	Chloromethane	19.1		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	19.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		0.25	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.2		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.7		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.9		0.25	1.00	ug/L
67-66-3	Chloroform	22.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.9		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.19	1.00	ug/L
71-43-2	Benzene	20.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	22.6		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.32	1.00	ug/L
75-27-4	Bromodichloromethane	21.0		0.24	1.00	ug/L
108-88-3	Toluene	20.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.7		0.21	1.00	ug/L
124-48-1	Dibromochloromethane	20.8		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	39.2		0.31	2.00	ug/L
1330-20-7	Total Xylenes	59.0		0.45	3.00	ug/L
95-47-6	o-Xylene	19.8		0.14	1.00	ug/L

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98-82-8	Isopropylbenzene	19.3		0.13	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.19	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.7		70 (74) - 130 (125)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	149000	8.224			
540-36-3	1,4-Difluorobenzene	263000	9.1			
3114-55-4	Chlorobenzene-d5	232000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	107000	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