

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-911-K1-SO-0.5-1-081924RE	SDG No.:	P3671
Lab Sample ID:	P3671-04RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	56
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019224.D	1		08/22/24 16:45	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.10	U	3.10	9.40	ug/Kg
74-87-3	Chloromethane	2.20	U	2.20	9.40	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	9.40	ug/Kg
74-83-9	Bromomethane	1.90	U	1.90	9.40	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	9.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	2.00	9.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	9.40	ug/Kg
67-64-1	Acetone	11.8	U	11.8	47.2	ug/Kg
75-15-0	Carbon Disulfide	2.40	U	2.40	9.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	9.40	ug/Kg
75-09-2	Methylene Chloride	6.40	U	6.40	18.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.60	U	1.60	9.40	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	9.40	ug/Kg
110-82-7	Cyclohexane	1.30	U	1.30	9.40	ug/Kg
78-93-3	2-Butanone	10.7	U	10.7	47.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	1.60	9.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	9.40	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	9.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	9.40	ug/Kg
108-87-2	Methylcyclohexane	1.60	U	1.60	9.40	ug/Kg
71-43-2	Benzene	1.40	U	1.40	9.40	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	9.40	ug/Kg
79-01-6	Trichloroethene	1.40	U	1.40	9.40	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	9.40	ug/Kg
108-88-3	Toluene	1.30	U	1.30	9.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.60	U	1.60	9.40	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	9.40	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	1.70	9.40	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	9.40	ug/Kg
100-41-4	Ethyl Benzene	1.20	U	1.20	9.40	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1330-20-7	Total Xylenes	3.80	U	3.80	28.3	ug/Kg
179601-23-1	m/p-Xylenes	2.50	U	2.50	18.9	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	9.40	ug/Kg
98-82-8	Isopropylbenzene	1.30	U	1.30	9.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	9.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	9.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	36.7		70 (50) - 130 (163)	73%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 (54) - 130 (147)	107%	SPK: 50
2037-26-5	Toluene-d8	54.1		70 (58) - 130 (134)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.3	*	70 (29) - 130 (146)	61%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	7.701			
540-36-3	1,4-Difluorobenzene	146000	8.609			
3114-55-4	Chlorobenzene-d5	119000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	25900	13.346			

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