

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-905-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	82
Sample Wt/Vol:	9.65 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
VY019202.D	1		08/22/24 06:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	1.00	3.20	ug/Kg
74-87-3	Chloromethane	0.73	U	0.73	3.20	ug/Kg
75-01-4	Vinyl Chloride	0.49	U	0.49	3.20	ug/Kg
74-83-9	Bromomethane	0.65	U	0.65	3.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.68	U	0.68	3.20	ug/Kg
67-64-1	Acetone	24.0		3.90	15.8	ug/Kg
75-15-0	Carbon Disulfide	0.81	U	0.81	3.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.42	U	0.42	3.20	ug/Kg
75-09-2	Methylene Chloride	2.20	U	2.20	6.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.53	U	0.53	3.20	ug/Kg
110-82-7	Cyclohexane	0.44	U	0.44	3.20	ug/Kg
78-93-3	2-Butanone	4.10	J	3.60	15.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.55	U	0.55	3.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.39	U	0.39	3.20	ug/Kg
67-66-3	Chloroform	0.42	U	0.42	3.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.49	U	0.49	3.20	ug/Kg
108-87-2	Methylcyclohexane	0.55	U	0.55	3.20	ug/Kg
71-43-2	Benzene	0.45	U	0.45	3.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.39	U	0.39	3.20	ug/Kg
79-01-6	Trichloroethene	0.47	U	0.47	3.20	ug/Kg
75-27-4	Bromodichloromethane	0.35	U	0.35	3.20	ug/Kg
108-88-3	Toluene	0.42	U	0.42	3.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.53	U	0.53	3.20	ug/Kg
124-48-1	Dibromochloromethane	0.41	U	0.41	3.20	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	3.20	ug/Kg
108-90-7	Chlorobenzene	0.47	U	0.47	3.20	ug/Kg
100-41-4	Ethyl Benzene	0.39	U	0.39	3.20	ug/Kg
179601-23-1	m/p-Xylenes	0.85	U	0.85	6.30	ug/Kg
1330-20-7	Total Xylenes	1.29	U	1.29	9.50	ug/Kg
95-47-6	o-Xylene	0.44	U	0.44	3.20	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
98-82-8	Isopropylbenzene	0.42	U	0.42	3.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.51	U	0.51	3.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.37	U	0.37	3.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.7		70 (50) - 130 (163)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		70 (29) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	7.707			
540-36-3	1,4-Difluorobenzene	186000	8.61			
3114-55-4	Chlorobenzene-d5	172000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	65400	13.353			

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