

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-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	7.03 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
VY019226.D	1		08/22/24 17:33	VY082224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.60	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.60	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.60	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.60	ug/Kg
75-00-3	Chloroethane	0.94	U	0.94	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.99	U	0.99	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	4.60	ug/Kg
67-64-1	Acetone	20.6	J	5.80	23.2	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	4.60	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	4.60	ug/Kg
110-82-7	Cyclohexane	0.64	U	0.64	4.60	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	23.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	J	0.57	4.60	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	4.60	ug/Kg
108-87-2	Methylcyclohexane	0.81	U	0.81	4.60	ug/Kg
71-43-2	Benzene	0.67	U	0.67	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.57	U	0.57	4.60	ug/Kg
79-01-6	Trichloroethene	1.10	J	0.70	4.60	ug/Kg
75-27-4	Bromodichloromethane	0.52	U	0.52	4.60	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.78	U	0.78	4.60	ug/Kg
124-48-1	Dibromochloromethane	0.60	U	0.60	4.60	ug/Kg
127-18-4	Tetrachloroethene	0.83	U	0.83	4.60	ug/Kg
108-90-7	Chlorobenzene	0.69	U	0.69	4.60	ug/Kg
100-41-4	Ethyl Benzene	0.58	U	0.58	4.60	ug/Kg

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179601-23-1	m/p-Xylenes	1.30	U	1.30	9.30	ug/Kg
1330-20-7	Total Xylenes	1.95	U	1.95	13.9	ug/Kg
95-47-6	o-Xylene	0.65	U	0.65	4.60	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.74	U	0.74	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.55	U	0.55	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.0		70 (50) - 130 (163)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		70 (29) - 130 (146)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93900	7.701			
540-36-3	1,4-Difluorobenzene	167000	8.61			
3114-55-4	Chlorobenzene-d5	153000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	46700	13.347			

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