

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-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	46.9
Sample Wt/Vol:	4.67 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
VY019197.D	1		08/22/24 04:09	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.80	U	3.80	11.4	ug/Kg
74-87-3	Chloromethane	2.60	U	2.60	11.4	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	11.4	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	11.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.40	U	2.40	11.4	ug/Kg
67-64-1	Acetone	14.2	U	14.2	57.1	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	2.90	11.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	1.50	11.4	ug/Kg
75-09-2	Methylene Chloride	7.80	U	7.80	22.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	1.90	11.4	ug/Kg
110-82-7	Cyclohexane	1.60	U	1.60	11.4	ug/Kg
78-93-3	2-Butanone	13.0	U	13.0	57.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	11.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.40	U	1.40	11.4	ug/Kg
67-66-3	Chloroform	1.50	U	1.50	11.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	1.80	11.4	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	2.00	11.4	ug/Kg
71-43-2	Benzene	1.60	U	1.60	11.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	11.4	ug/Kg
75-27-4	Bromodichloromethane	1.30	U	1.30	11.4	ug/Kg
108-88-3	Toluene	1.50	U	1.50	11.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	1.90	11.4	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	1.50	11.4	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	2.00	11.4	ug/Kg
108-90-7	Chlorobenzene	1.70	U	1.70	11.4	ug/Kg
100-41-4	Ethyl Benzene	1.40	U	1.40	11.4	ug/Kg
179601-23-1	m/p-Xylenes	3.10	U	3.10	22.8	ug/Kg
1330-20-7	Total Xylenes	4.70	U	4.70	34.2	ug/Kg
95-47-6	o-Xylene	1.60	U	1.60	11.4	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
98-82-8	Isopropylbenzene	1.50	U	1.50	11.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	11.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	11.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.8		70 (50) - 130 (163)	82%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		70 (54) - 130 (147)	93%	SPK: 50
2037-26-5	Toluene-d8	44.4		70 (58) - 130 (134)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	25.3	*	70 (29) - 130 (146)	51%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	50400	7.707			
540-36-3	1,4-Difluorobenzene	83100	8.61			
3114-55-4	Chlorobenzene-d5	56400	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	13000	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