

Report of Analysis

Client: JACOBS Engineering Group, Inc.
Project: Former Schlumberger STC PTC Site D3868221
Client Sample ID: MW-15B-42.5-120425-MSI
Lab Sample ID: Q3787-03MSD
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3787
Matrix: Water
% Solid: 0
Test: VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	50.9		1	0.26	1.00	ug/L	12/08/25 18:43	VX120825
75-35-4	1,1-Dichloroethene	49.7		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
75-34-3	1,1-Dichloroethane	60.4		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
156-59-2	cis-1,2-Dichloroethene	60.7		1	0.19	1.00	ug/L	12/08/25 18:43	VX120825
71-55-6	1,1,1-Trichloroethane	53.2		1	0.20	1.00	ug/L	12/08/25 18:43	VX120825
71-43-2	Benzene	50.1		1	0.15	1.00	ug/L	12/08/25 18:43	VX120825
107-06-2	1,2-Dichloroethane	55.2		1	0.22	1.00	ug/L	12/08/25 18:43	VX120825
79-01-6	Trichloroethene	52.7		1	0.090	1.00	ug/L	12/08/25 18:43	VX120825
79-00-5	1,1,2-Trichloroethane	51.4		1	0.21	1.00	ug/L	12/08/25 18:43	VX120825
127-18-4	Tetrachloroethene	39.5		1	0.23	1.00	ug/L	12/08/25 18:43	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.0			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	43.2			70 (86) - 130 (113)	86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.5			70 (77) - 130 (121)	89%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	132000							
540-36-3	1,4-Difluorobenzene	236000							
3114-55-4	Chlorobenzene-d5	210000							
3855-82-1	1,4-Dichlorobenzene-d4	104000							

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