

Report of Analysis

Client:	ATG-GREENVILLE AEC		Date Collected:	06/26/25	
Project:	AEC-2025-0013-CSC 4031 Watervliet		Date Received:	06/26/25	
Client Sample ID:	SW-1		SDG No.:	Q2460	
Lab Sample ID:	Q2460-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-BTEX	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046850.D	50		07/01/25 11:23	VX070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	7.50	U	7.50	50.0	ug/L
108-88-3	Toluene	7.00	U	7.00	50.0	ug/L
100-41-4	Ethyl Benzene	6.50	U	6.50	50.0	ug/L
179601-23-1	m/p-Xylenes	12.0	U	12.0	100	ug/L
95-47-6	o-Xylene	6.00	U	6.00	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.4		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	155000	5.562			
540-36-3	1,4-Difluorobenzene	258000	6.769			
3114-55-4	Chlorobenzene-d5	235000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	121000	12.018			

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