

Report of Analysis

Client:	EA Engineering Science & Technology	Date Collected:	11/13/24
Project:	Scotia, NY - Annual Testing	Date Received:	11/14/24
Client Sample ID:	FSND-MW-EVAL-04D-20241113MSD	SDG No.:	P4873
Lab Sample ID:	P4846-07MSD	Matrix:	Water
Analytical Method:	RSK175	% Solid:	0
Water Phase Vol :	36 mL	Decanted:	
Gas Phase Vol :	4 mL	Test:	Gases

File ID/Qc Batch:	Dilution:	Date Analyzed
FA004284.D	1	11/19/24 13:53

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-84-0	Ethane	38.3		0.66	9.60	ug/L
74-85-1	Ethylene	59.2		0.93	13.2	ug/L
74-82-8	Methane	20.4		0.43	4.70	ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit