

## Report of Analysis

Client:	EA Engineering Science & Technology	Date Collected:	11/14/24
Project:	Scotia, NY - Annual Testing	Date Received:	11/15/24
Client Sample ID:	FSND-RB-4-20241114	SDG No.:	P4873
Lab Sample ID:	P4873-01	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
FA004274.D	1	11/19/24 12:27

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
74-84-0	Ethane	1.92	U	0.66	1.92	9.60	ug/L
74-85-1	Ethylene	2.64	U	0.93	2.64	13.2	ug/L
74-82-8	Methane	0.94	U	0.43	0.94	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