

## Report of Analysis

Client:	EA Engineering Science & Technology	Date Collected:	
Project:	Scotia, NY - Annual Testing	Date Received:	
Client Sample ID:	BSA1119G2	SDG No.:	P4873
Lab Sample ID:	BSA1119G2	Matrix:	Water
Analytical Method:	RSK175	% Solid:	0 Decanted:
Water Phase Vol :	36 mL	Test:	Gases
Gas Phase Vol :	4 mL		

File ID/Qc Batch:	Dilution:	Date Analyzed
FA004273.D	1	11/19/24 12:08

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
74-84-0	Ethane	36.9		0.66	1.92	9.60	ug/L
74-85-1	Ethylene	45.5		0.93	2.64	13.2	ug/L
74-82-8	Methane	18.6		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