

Hit Summary Sheet
SW-846

SDG No.: P4873

Order ID: P4873

Client: EA Engineering Science & Technology

Project ID: Scotia, NY - Annual Testing

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FSND-MW-30-20241114							
P4873-02	FSND-MW-30-202411	Water Ethylene	4.30	J	0.93	13.2	ug/L
P4873-02	FSND-MW-30-202411	Water Methane	737	E	0.43	4.70	ug/L
Total Concentration:			741.300				
Client ID : FSND-MW-30-20241114DL							
P4873-02DL	FSND-MW-30-202411	Water Methane	828	D	8.60	94.0	ug/L
Total Concentration:			828.000				



SAMPLE DATA

A

B

C

D

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
TARGETS							
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

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-MW-30-20241114	SDG No.:	P4873
Lab Sample ID:	P4873-02	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
FA004275.D	1	11/19/24 12:31

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-84-0	Ethane	1.92	U	0.66	1.92	9.60	ug/L
74-85-1	Ethylene	4.30	J	0.93	2.64	13.2	ug/L
74-82-8	Methane	737	E	0.43	0.94	4.70	ug/L

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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-MW-30-20241114DL	SDG No.:	P4873
Lab Sample ID:	P4873-02DL	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
FA004276.D	20	11/19/24 12:41

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-84-0	Ethane	38.4	UD	13.2	38.4	192	ug/L
74-85-1	Ethylene	52.8	UD	18.6	52.8	264	ug/L
74-82-8	Methane	828	D	8.60	18.8	94.0	ug/L

Comments:

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LAB CHRONICLE

OrderID:	P4873	OrderDate:	11/15/2024 10:19:00 AM
Client:	EA Engineering Science & Technology	Project:	Scotia, NY - Annual Testing
Contact:	Jim Hayward	Location:	M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4873-01	FSND-RB-4-20241114	Water	Gases	RSK-175	11/14/24		11/19/24	11/15/24
P4873-02	FSND-MW-30-20241114	Water			11/14/24			11/15/24
P4873-02DL	FSND-MW-30-20241114DL	Water	Gases	RSK-175			11/19/24	
			Gases	RSK-175	11/14/24			11/15/24