

# Specialty Analytical Services



## Non-Halogenated Volatile Organics

SW-846 Method 8015

Parameter:	MDL	MQL
Methanol	0.25	1.0
Ethanol	0.026	0.1
Isopropanol	0.021	0.1
n-Propanol	0.020	0.1
2-Butanone (MEK)	0.026	0.1
Isobutanol	0.030	0.1
n-Butanol	0.014	0.1
4-Methyl-2-pentanone (MIBK)	0.023	0.1

## Glycols

SW-846 Method 8015 Direct Aqueous Injection (DAI)

Parameter:	MDL	MQL
Ethylene Glycol	1.4	10
Propylene Glycol	1.4	10

## Dissolved Gases

EPA Method RSK175

Parameter:	MDL	MQL
Methane	0.00023	0.001
Ethane	0.00034	0.002
Ethene	0.00045	0.002
Carbon Dioxide (CO <sub>2</sub> ) ( <b>See Note</b> )	0.320	2.5

## Volatile Fatty Acids

ENCO SOP

Parameter:	MDL	MQL
Acetic acid	0.06	0.5
Butanoic acid (Butyric acid)	0.1	0.5
Propanoic acid (Propionic acid)	0.1	0.5
Lactic acid	0.05	0.5
Pyruvic acid	0.02	0.5

### For all Analyses Listed:

Sample using three 40mL vials, HCL preservation. 14 day holding time from date of sample collection to analysis. Units shown in mg/L.

**Note:** if CO<sub>2</sub> is required, omit HCl preservation.

For additional information on ENCO's analytical capabilities or to arrange for these analyses on an upcoming event, please contact your sales representative or project manager.

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