

VOLATILE ORGANIC CONTAMINANTS (VOCs)

Administering Department: Chemistry

Test Contact: Wally Baker, 334-2235 ext. 233

Purpose of Test:

To determine the presence and concentration of approximately 60 volatile substances in a variety of matrices including groundwater, wastewater, soil, and sludge. VOCs originate from numerous sources including dry cleaning establishments, fuel tanks, disinfection of drinking water, and other industrial sources.

Sample and Submission Guidelines:

Samples may be submitted by any interested party.
Sampling supplies may be obtained free of charge by calling the Bureau of Laboratories
Samples must be collected according to the [Chemistry Sampling and Submission Guidelines](#)

Method: 524.2, 624.2, 8260B (Purge and Trap GC/MS)

Possible Results and Meaning:

Refer to the following link to obtain fact sheets on many VOCs:
<http://www.epa.gov/safewater/dwh/c-voc.html>

Charge for test: Refer to [BOL Price List](#) for current test prices

Turn-Around-Time:

Test results are typically available within two weeks of submittal. A request for rush results can be completed within 1-2 working days.

Links: The following links may be useful in understanding the purpose of this test and the results.

<http://www.epa.gov/safewater/mcl.html> (Contaminants and Health Effects)

http://www.epa.gov/ogwdw000/methods/orch_tbl.html (Approved Methods for Organic Chemicals)

<http://www.epa.gov/safewater/dwh/c-voc.html> (Fact Sheets Volatile Organic Contaminants)

<http://www.epa.gov/ogwdw/methods/methods.html> (Analytical Methods for Drinking Water)

<http://www.epa.gov/ogwdw/index.html> (EPA Groundwater Home Page)

<http://www.deq.state.id.us/> (DEQ)