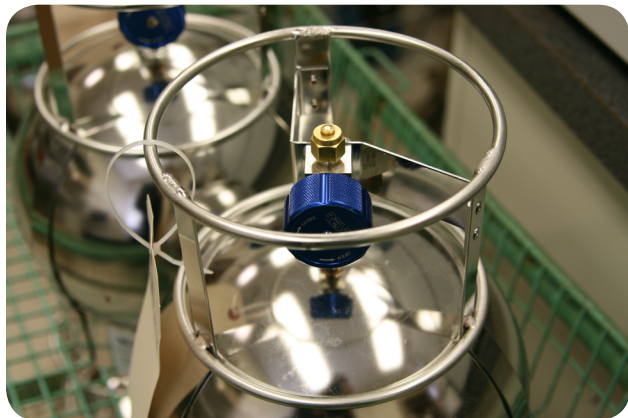


Trusted Technical Expertise.

TO-15 Analysis for Volatile Organic Compounds in Air Samples



Columbia Analytical Services, Inc. has increased its capacity to perform TO-15 analysis for volatile organic compounds in air samples. With a new state-of-the-art autosampler GC/MS system as well as the purchase of additional canisters and flow controllers, we have more than doubled our capacity at our laboratory in Rochester, NY.

Clients with vapor intrusion projects, or projects that include an air, soil and water component will be able to process their complete analytical needs through our Rochester Laboratory.

We routinely meet all required detection limits from the NYSDOH's FINAL Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and can offer individually certified cleaned canisters for sampling.

Supplemented by the comprehensive air analytical services provided by our laboratory in Simi Valley, CA as well as their ability to support very large TO-15 projects, Columbia Analytical is the one-stop solution to almost any air testing need.

See our standard compound list MRL table on back. For more information on air testing, contact our Rochester Laboratory.

Contact Information

1565 Jefferson Road
Building 300, Suite 360
Rochester, NY 14623

585-288-5380
585-288-8475 (fax)



Standard Compound List MRL Table

Analyte	MRL* (µg/m ³)
chloromethane	0.45
vinyl chloride	0.060
bromomethane	0.43
chloroethane	0.58
acetone	5.00
trichlorofluoromethane (Freon 11)	0.62
1,1-dichloroethene	0.44
methylene chloride	0.38
trichlorotrifluoroethane (Freon 113)	0.17
carbon disulfide	0.34
trans-1,2-dichloroethene	0.44
1,1-dichloroethane	0.45
methyl tert butyl ether	0.79
vinyl acetate	5.00
2-butanone (MEK)	0.65
cis-1,2-dichloroethene	0.44
chloroform	0.54
1,2-dichloroethane	0.45
1,1,1-trichloroethane	0.60
benzene	0.35
carbon tetrachloride	0.070
1,2-dichloropropane	0.51

Analyte	MRL* (µg/m ³)
bromodichloromethane	0.15
trichloroethene (TCE)	0.060
cis-1,3-dichloropropene	1.00
4-methyl-2-pentanone (MIBK)	0.90
trans-1,3-dichloropropene	0.50
1,1,2-trichloroethane	0.60
toluene	0.41
2-hexanone	0.45
dibromochloromethane	0.19
1,2-dibromoethane	0.17
tetrachloroethene (PCE)	0.080
chlorobenzene	0.51
ethylbenzene	0.95
M+P xylenes	1.91
bromoform	1.14
styrene	0.94
1,1,2,2-tetrachloroethane	0.15
O xylene	0.95
1,3-dichlorobenzene	1.32
1,4-dichlorobenzene	1.32
1,2-dichlorobenzene	1.32

* MRL's based on a 1 Liter sample

Actual sample report limits will be higher depending on the canister dilution factor and sample matrix effects.