

Natural Gas Ambient Air  
Monitoring Initiative (NGAAMI)  
Appendix D: TO 15 Method for  
Volatile Organic Compounds

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**Table D-1: TO 15 Volatile Organic Compounds**

<b>Target Compound</b>	<b>CAS</b>
1,1-Dichloroethane	75-34-3
1,1-Dichloroethene	75-35-4
1,1,1-Trichloroethane	71-55-6
1,1,2-Trichloroethane	79-00-5
1,1,2,2-Tetrachloroethane	79-34-5
1,2-Dibromoethane	106-93-4
1,2-Dichlorobenzene	95-50-1
1,2-Dichloroethane	107-06-2
1,2-Dichloropropane	78-87-5
1,2,4-Trichlorobenzene	120-82-1
1,2,4-Trimethylbenzene	95-63-6
1,3-Butadiene	106-99-0
1,3-Dichlorobenzene	541-73-1
1,3,5-Trimethylbenzene	108-67-8
1,4-Dichlorobenzene	106-46-7
2-Butanone	78-73-3
4-Methyl-2-pentanone	108-10-1
Benzene	71-43-2
Benzyl chloride	100-44-7
Bromodichloromethane	75-27-4
Bromoform	75-25-2
Bromomethane	74-83-9
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chloroethane	75-00-3
Chloroform	67-66-3
Chloromethane	74-87-3
cis-1,3-Dichloropropene	10061-01-5
cis-1,2-Dichloroethene	156-59-2
Dibromochloromethane	124-48-1
Dichlorodifluoromethane	75-71-8
Dichlorotetrafluoroethane	76-14-2
Ethanol	64-17-5
Ethylbenzene	100-41-4
Hexachlorobutadiene	87-68-3
m,p-Xylene	108-38-3/ 106-42-3
Methyl tert-butyl ether	1634-04-4
Methylene chloride	75-09-2

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<b>Target Compound</b>	<b>CAS</b>
Naphthalene	91-20-3
o-Xylene	95-47-6
Propylene	115-07-1
Styrene	100-42-5
Tetrachloroethene	127-18-4
Toluene	108-88-3
trans-1,2-Dichloroethene	156-60-5
trans-1,3-Dichloropropene	10061-02-6
Trichloroethene	79-01-6
Trichlorofluoromethane	75-69-4
Trichlorotrifluoroethane (Freon 113)	76-13-1
Vinyl chloride	75-01-4