# Method Reporting Limits
# TO-14/TO-15 Ambient (VOCs)
# Air

| Analyte | Reporting Limit* (ppbv) | LCS Criteria Lower Control Limit (%) | LCS Criteria Upper Control Limits (%) | % RPD Limit |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.5 | 61 | 137 | 30 |
| 1,1,2,2-Tetrachlorethane | 0.5 | 61 | 136 | 30 |
| 1,1,2-Trichloroethane | 0.5 | 64 | 129 | 30 |
| 1,1,2-Trichlorotrifluoroethane | 0.5 | 54 | 140 | 30 |
| 1,1-Dichloroethane | 0.5 | 50 | 150 | 30 |
| 1,1-Dichloroethene | 0.5 | 60 | 136 | 30 |
| 1,2,4-Trichlorobenzene | 0.5 | 50 | 150 | 30 |
| 1,2,4-Trimethylbenzene | 0.5 | 59 | 143 | 30 |
| 1,2-Dibromomethane | 0.5 | 69 | 137 | 30 |
| 1,2-Dichlorobenzene | 0.5 | 56 | 148 | 30 |
| 1,2-Dichloroethane | 0.5 | 61 | 134 | 30 |
| 1,2-Dichloropropane | 0.5 | 64 | 134 | 30 |
| 1,3,5-Trimethylbenzene | 0.5 | 61 | 139 | 30 |
| 1,3-Dichlorobenzene | 0.5 | 63 | 140 | 30 |
| 1,4-Dichlorobenzene | 0.5 | 57 | 143 | 30 |
| Benzene | 0.5 | 59 | 135 | 30 |
| Bromomethane | 0.5 | 50 | 150 | 30 |
| Carbon Tetrachloride | 0.5 | 54 | 141 | 30 |
| Chlorobenzene | 0.5 | 69 | 136 | 30 |
| Chloroethane | 0.5 | 64 | 137 | 30 |
| Chloroform | 0.5 | 50 | 150 | 30 |
| Chloromethane | 0.5 | 64 | 134 | 30 |
| cis-1,2-Dichloroethene | 0.5 | 62 | 135 | 30 |
| cis-1,3-Dichloropropene | 0.5 | 62 | 140 | 30 |
| Dichlorodifluoromethane | 0.5 | 60 | 133 | 30 |
| Dichlorotetrafluorethane (Freon 114) | 0.5 | 62 | 135 | 30 |
| Ethyl Benzene | 0.5 | 65 | 136 | 30 |
| Hexachloro-1,3-butadiene | 0.5 | 50 | 150 | 30 |
| m&p-Xylene | 1.0 | 67 | 132 | 30 |
| Methylene chloride | 0.5 | 60 | 134 | 30 |
| o-Xylene | 0.5 | 65 | 132 | 30 |
| Styrene | 0.5 | 66 | 144 | 30 |
| Tetrachloroethene | 0.5 | 68 | 133 | 30 |
| Toluene | 0.5 | 61 | 135 | 30 |
| trans-1,3-Dichloropropane | 0.5 | 66 | 140 | 30 |
| Trichloroethene | 0.5 | 67 | 132 | 30 |
| Trichlorofluoromethane | 0.5 | 57 | 140 | 30 |
| Vinyl Chloride | 0.5 | 58 | 147 | 30 |

Pace Analytical Services, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Pace is currently accredited for the specific method indicated. For current Pace accreditation information consult your Pace Project Manager.

*** Method Reporting Limit is defined as the lowest amount of analyte that can be reported based on the lowest calibration standard. Method Detection Limit studies with valid statistically processed results are available for each individual analyte.**