

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL100925\  
 Data File : VL043084.D  
 Acq On : 09 Oct 2025 12:44  
 Operator : SY/MD  
 Sample : Q3320-01DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025  
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 22:14:22 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 2.777  | 49    | 196118   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 3.943  | 114   | 517619   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 8.866  | 117   | 434677   | 10.000   | ppbv   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 10.364 | 95    | 333701   | 10.657   | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 106.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.496  | 85    | 13990    | 0.423    | ppbv   | 99       |
| 3) Chlorodifluoromethane      | 1.473  | 51    | 11184m   | 0.350    | ppbv   |          |
| 4) Chloromethane              | 1.528  | 50    | 7782     | 0.645    | ppbv   | 91       |
| 9) Propene                    | 1.486  | 41    | 12815m   | 0.994    | ppbv   |          |
| 11) Trichlorofluoromethane    | 1.871  | 101   | 7220     | 0.213    | ppbv   | 93       |
| 13) Ethanol                   | 1.716  | 45    | 286862   | 612.721  | ppbv   | 89       |
| 15) Acetone                   | 1.829  | 43    | 183751   | 6.692    | ppbv   | 99       |
| 17) tert-Butyl alcohol        | 2.036  | 59    | 4169     | 0.144    | ppbv # | 86       |
| 19) Isopropyl Alcohol         | 1.881  | 45    | 26728    | 2.032    | ppbv # | 1        |
| 20) Methylene Chloride        | 2.059  | 84    | 10585    | 0.883    | ppbv   | 94       |
| 26) Hexane                    | 2.819  | 57    | 12990    | 0.490    | ppbv # | 38       |
| 29) Chloroform                | 2.839  | 83    | 8933     | 0.198    | ppbv   | 93       |
| 34) 2-Butanone                | 2.551  | 43    | 22379    | 0.637    | ppbv   | 98       |
| 35) Carbon Tetrachloride      | 3.748  | 117   | 3943     | 0.093    | ppbv # | 93       |
| 36) Benzene                   | 3.642  | 78    | 5040     | 0.102    | ppbv # | 81       |
| 38) Trichloroethene           | 4.525  | 130   | 1346m    | 0.065    | ppbv   |          |
| 50) 4-Methyl-2-Pentanone      | 5.742  | 43    | 9276m    | 0.217    | ppbv   |          |
| 51) 2-Hexanone                | 7.425  | 43    | 4294m    | 0.141    | ppbv   |          |
| 52) Tetrachloroethene         | 8.208  | 164   | 911m     | 0.050    | ppbv   |          |
| 53) Toluene                   | 6.907  | 91    | 6835     | 0.137    | ppbv   | 100      |
| 63) 1,1,2,2-Tetrachloroethane | 9.956  | 83    | 1938m    | 0.048    | ppbv   |          |
| -----                         |        |       |          |          |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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