

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL112425\  
 Data File : VL043283.D  
 Acq On : 24 Nov 2025 15:35  
 Operator : SY/MD  
 Sample : Q3696-04  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2025  
 Supervised By :Mahesh Dadoda 11/25/2025

Quant Time: Nov 24 23:41:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.784  | 49    | 106409   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.952  | 114   | 274861   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.872  | 117   | 210706   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.367 | 95    | 150182   | 9.724    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.200%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 8095     | 0.539    | ppbv   | 96       |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 4016m    | 0.272    | ppbv   |          |
| 4) Chloromethane            | 1.531  | 50    | 3099     | 0.552    | ppbv # | 82       |
| 9) Propene                  | 1.486  | 41    | 6479     | 1.034    | ppbv # | 1        |
| 10) Heptane                 | 4.975  | 43    | 2623m    | 0.141    | ppbv   |          |
| 11) Trichlorofluoromethane  | 1.878  | 101   | 3821     | 0.263    | ppbv   | 88       |
| 13) Ethanol                 | 1.719  | 45    | 42829    | 19.433   | ppbv   | 99       |
| 15) Acetone                 | 1.835  | 43    | 79460    | 5.375    | ppbv   | 94       |
| 19) Isopropyl Alcohol       | 1.884  | 45    | 22670    | 2.714    | ppbv # | 32       |
| 20) Methylene Chloride      | 2.062  | 84    | 5919     | 0.623    | ppbv # | 90       |
| 26) Hexane                  | 2.823  | 57    | 7099     | 0.508    | ppbv # | 44       |
| 29) Chloroform              | 2.845  | 83    | 2804     | 0.141    | ppbv   | 98       |
| 34) 2-Butanone              | 2.557  | 43    | 15932    | 0.821    | ppbv   | 96       |
| 35) Carbon Tetrachloride    | 3.755  | 117   | 1729m    | 0.083    | ppbv   |          |
| 36) Benzene                 | 3.651  | 78    | 8923     | 0.339    | ppbv   | 93       |
| 38) Trichloroethene         | 4.535  | 130   | 451m     | 0.044    | ppbv   |          |
| 41) Tetrahydrofuran         | 3.056  | 42    | 6044     | 0.564    | ppbv   | 96       |
| 44) 2,2,4-Trimethylpentane  | 4.629  | 57    | 11320m   | 0.250    | ppbv   |          |
| 52) Tetrachloroethene       | 8.212  | 164   | 1588m    | 0.162    | ppbv   |          |
| 53) Toluene                 | 6.923  | 91    | 13011m   | 0.417    | ppbv   |          |
| 59) m/p-Xylene              | 9.526  | 91    | 6433m    | 0.198    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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