

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072425\  
 Data File : VL042764.D  
 Acq On : 24 Jul 2025 14:28  
 Operator : SY/MD  
 Sample : Q2671-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 118-AAI

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2025  
 Supervised By :Mahesh Dadoda 07/26/2025

Quant Time: Jul 25 01:27:16 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072325AIR.M

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

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.790  | 49    | 153272   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.962  | 114   | 419258   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.885  | 117   | 371493   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95    | 297462   | 10.111   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.100% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 9014     | 0.445    | ppbv   | 99       |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 5947m    | 0.225    | ppbv   |          |
| 4) Chloromethane            | 1.534  | 50    | 3742     | 0.456    | ppbv   | 93       |
| 9) Propene                  | 1.489  | 41    | 3163     | 0.330    | ppbv   | 98       |
| 10) Heptane                 | 4.985  | 43    | 3757m    | 0.145    | ppbv   |          |
| 11) Trichlorofluoromethane  | 1.881  | 101   | 4119m    | 0.197    | ppbv   |          |
| 13) Ethanol                 | 1.725  | 45    | 16700    | 22.753   | ppbv # | 31       |
| 15) Acetone                 | 1.839  | 43    | 104631   | 4.944    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.890  | 45    | 7539m    | 0.670    | ppbv   |          |
| 26) Hexane                  | 2.829  | 57    | 156916   | 7.636    | ppbv # | 41       |
| 34) 2-Butanone              | 2.567  | 43    | 10608    | 0.357    | ppbv   | 100      |
| 35) Carbon Tetrachloride    | 3.768  | 117   | 1957m    | 0.063    | ppbv   |          |
| 36) Benzene                 | 3.654  | 78    | 4639m    | 0.117    | ppbv   |          |
| 53) Toluene                 | 6.943  | 91    | 9496m    | 0.223    | ppbv   |          |
| 59) m/p-Xylene              | 9.535  | 91    | 6809m    | 0.145    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.536 | 105   | 8207     | 0.163    | ppbv # | 56       |
| -----                       |        |       |          |          |        |          |

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

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