

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL111825\  
 Data File : VL043220.D  
 Acq On : 18 Nov 2025 19:23  
 Operator : SY/MD  
 Sample : Q3650-05  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025  
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 01:38:59 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    | 91519    | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.952  | 114   | 244106   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.875  | 117   | 189099   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.371 | 95    | 145646   | 10.508   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 105.100% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 5591     | 0.433    | ppbv   | 94       |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 3162m    | 0.249    | ppbv   |          |
| 4) Chloromethane            | 1.535  | 50    | 2234     | 0.463    | ppbv   | 92       |
| 9) Propene                  | 1.489  | 41    | 4189     | 0.777    | ppbv # | 1        |
| 11) Trichlorofluoromethane  | 1.878  | 101   | 2937m    | 0.235    | ppbv   |          |
| 13) Ethanol                 | 1.722  | 45    | 24108    | 12.718   | ppbv   | 97       |
| 15) Acetone                 | 1.836  | 43    | 386426   | 30.391   | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.884  | 45    | 28082    | 3.908    | ppbv # | 1        |
| 20) Methylene Chloride      | 2.062  | 84    | 5011     | 0.600    | ppbv   | 94       |
| 26) Hexane                  | 2.826  | 57    | 4135     | 0.344    | ppbv # | 77       |
| 34) 2-Butanone              | 2.557  | 43    | 6841     | 0.397    | ppbv   | 98       |
| 35) Carbon Tetrachloride    | 3.761  | 117   | 1242m    | 0.067    | ppbv   |          |
| 36) Benzene                 | 3.658  | 78    | 2658m    | 0.114    | ppbv   |          |
| 43) Methyl Methacrylate     | 4.875  | 69    | 3369m    | 0.272    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 4.639  | 57    | 4310m    | 0.107    | ppbv   |          |
| 53) Toluene                 | 6.927  | 91    | 11573    | 0.418    | ppbv   | 96       |
| 59) m/p-Xylene              | 9.523  | 91    | 6417m    | 0.220    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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