

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL120825\  
 Data File : VL043310.D  
 Acq On : 08 Dec 2025 12:40  
 Operator : SY/MD  
 Sample : Q3799-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 AA-1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2025  
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 00:10:41 2025

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

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

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       | 2.781  | 49    | 151890   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.946  | 114   | 389995   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.869  | 117   | 311445   | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.364 | 95    | 233482   | 10.227   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 102.300% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 1.496  | 85    | 8408m    | 0.392    | ppbv   |          |
| 3) Chlorodifluoromethane    | 1.473  | 51    | 4994m    | 0.237    | ppbv   |          |
| 4) Chloromethane            | 1.531  | 50    | 17448    | 2.178    | ppbv   | 95       |
| 9) Propene                  | 1.483  | 41    | 5806     | 0.649    | ppbv # | 1        |
| 11) Trichlorofluoromethane  | 1.874  | 101   | 4433     | 0.214    | ppbv   | 95       |
| 13) Ethanol                 | 1.719  | 45    | 11664    | 3.708    | ppbv # | 38       |
| 15) Acetone                 | 1.832  | 43    | 100928   | 4.783    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.884  | 45    | 9295     | 0.779    | ppbv # | 1        |
| 20) Methylene Chloride      | 2.059  | 84    | 18675    | 2.407    | ppbv   | 89       |
| 26) Hexane                  | 2.819  | 57    | 24551    | 1.230    | ppbv # | 44       |
| 29) Chloroform              | 2.836  | 83    | 4378m    | 0.154    | ppbv   |          |
| 34) 2-Butanone              | 2.551  | 43    | 13762    | 0.500    | ppbv   | 99       |
| 35) Carbon Tetrachloride    | 3.755  | 117   | 2686m    | 0.091    | ppbv   |          |
| 36) Benzene                 | 3.651  | 78    | 6717m    | 0.180    | ppbv   |          |
| 53) Toluene                 | 6.910  | 91    | 5747m    | 0.130    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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