

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL120825\  
 Data File : VL043320.D  
 Acq On : 08 Dec 2025 19:21  
 Operator : SY/MD  
 Sample : Q3798-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025  
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 00:15:05 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       | 2.781  | 49    | 131651   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.946  | 114   | 343367   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.869  | 117   | 273285   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.364 | 95    | 201922   | 10.080   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 100.800% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 1.496  | 85    | 8241     | 0.444    | ppbv   | 95       |
| 3) Chlorodifluoromethane    | 1.473  | 51    | 5457m    | 0.299    | ppbv   |          |
| 4) Chloromethane            | 1.531  | 50    | 3358     | 0.484    | ppbv   | 91       |
| 9) Propene                  | 1.486  | 41    | 289780   | 37.370   | ppbv # | 5        |
| 11) Trichlorofluoromethane  | 1.874  | 101   | 5386     | 0.299    | ppbv   | 88       |
| 13) Ethanol                 | 1.719  | 45    | 444160   | 162.890  | ppbv   | 98       |
| 15) Acetone                 | 1.832  | 43    | 68576    | 3.749    | ppbv # | 49       |
| 19) Isopropyl Alcohol       | 1.884  | 45    | 15295    | 1.480    | ppbv # | 36       |
| 20) Methylene Chloride      | 2.059  | 84    | 57923    | 10.811   | ppbv   | 90       |
| 26) Hexane                  | 2.819  | 57    | 44295    | 2.561    | ppbv # | 47       |
| 29) Chloroform              | 2.842  | 83    | 3322     | 0.135    | ppbv # | 79       |
| 30) Cyclohexane             | 3.849  | 84    | 1834m    | 0.126    | ppbv   |          |
| 34) 2-Butanone              | 2.551  | 43    | 9302     | 0.384    | ppbv   | 96       |
| 35) Carbon Tetrachloride    | 3.748  | 117   | 1983m    | 0.076    | ppbv   |          |
| 36) Benzene                 | 3.648  | 78    | 10557    | 0.321    | ppbv   | 96       |
| 44) 2,2,4-Trimethylpentane  | 4.635  | 57    | 5845m    | 0.103    | ppbv   |          |
| 53) Toluene                 | 6.914  | 91    | 18124    | 0.465    | ppbv   | 98       |
| 59) m/p-Xylene              | 9.519  | 91    | 5630m    | 0.134    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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