

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL100825\  
 Data File : VL043062.D  
 Acq On : 08 Oct 2025 13:58  
 Operator : SY/MD  
 Sample : Q3306-01DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/09/2025  
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 01:18:08 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL100225AIR.M

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

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.793  | 49    | 183624   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 3.965  | 114   | 501713   | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 8.888  | 117   | 398502   | 10.000   | ppbv   | 0.03     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95    | 292656   | 10.194   | ppbv   | 0.02     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.900% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.502  | 85    | 14182    | 0.458    | ppbv   | 98       |
| 3) Chlorodifluoromethane    | 1.479  | 51    | 9146m    | 0.305    | ppbv   |          |
| 4) Chloromethane            | 1.534  | 50    | 5451     | 0.482    | ppbv   | 94       |
| 9) Propene                  | 1.489  | 41    | 12777    | 1.058    | ppbv   | 86       |
| 11) Trichlorofluoromethane  | 1.881  | 101   | 7500     | 0.236    | ppbv   | 95       |
| 13) Ethanol                 | 1.725  | 45    | 49077    | 110.920  | ppbv   | 90       |
| 15) Acetone                 | 1.839  | 43    | 173289   | 6.740    | ppbv   | 98       |
| 20) Methylene Chloride      | 2.065  | 84    | 264125   | 23.536   | ppbv   | 95       |
| 26) Hexane                  | 2.832  | 57    | 339260   | 13.674   | ppbv # | 34       |
| 34) 2-Butanone              | 2.564  | 43    | 12032    | 0.353    | ppbv   | 100      |
| 35) Carbon Tetrachloride    | 3.771  | 117   | 2736m    | 0.066    | ppbv   |          |
| 36) Benzene                 | 3.661  | 78    | 7995     | 0.167    | ppbv # | 92       |
| 44) 2,2,4-Trimethylpentane  | 4.645  | 57    | 9756m    | 0.127    | ppbv   |          |
| 53) Toluene                 | 6.940  | 91    | 14857m   | 0.307    | ppbv   |          |
| 59) m/p-Xylene              | 9.539  | 91    | 7014m    | 0.135    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.539 | 105   | 6177m    | 0.102    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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