

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090425\  
 Data File : VL042897.D  
 Acq On : 04 Sep 2025 19:18  
 Operator : SY/MD  
 Sample : Q3000-01DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025  
 Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 01:25:45 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M

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

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.793  | 49    | 117843   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.968  | 114   | 310691   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.891  | 117   | 265064   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.383 | 95    | 205770   | 10.351   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 103.500% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.502  | 85    | 9061     | 0.525    | ppbv   | 95       |
| 3) Chlorodifluoromethane    | 1.479  | 51    | 20277    | 1.062    | ppbv   | 94       |
| 4) Chloromethane            | 1.534  | 50    | 3359     | 0.482    | ppbv   | 96       |
| 9) Propene                  | 1.486  | 41    | 12994    | 1.576    | ppbv   | 94       |
| 11) Trichlorofluoromethane  | 1.881  | 101   | 5002m    | 0.294    | ppbv   |          |
| 13) Ethanol                 | 1.725  | 45    | 13239    | 17.562   | ppbv   | 92       |
| 15) Acetone                 | 1.839  | 43    | 63502    | 4.074    | ppbv   | 99       |
| 19) Isopropyl Alcohol       | 1.890  | 45    | 22694    | 2.437    | ppbv # | 43       |
| 20) Methylene Chloride      | 2.068  | 84    | 4121     | 0.631    | ppbv # | 91       |
| 26) Hexane                  | 2.835  | 57    | 9544     | 0.548    | ppbv # | 56       |
| 34) 2-Butanone              | 2.567  | 43    | 7029     | 0.335    | ppbv   | 98       |
| 35) Carbon Tetrachloride    | 3.768  | 117   | 2248m    | 0.105    | ppbv   |          |
| 36) Benzene                 | 3.667  | 78    | 10979    | 0.369    | ppbv # | 94       |
| 44) 2,2,4-Trimethylpentane  | 4.651  | 57    | 43809m   | 0.868    | ppbv   |          |
| 53) Toluene                 | 6.946  | 91    | 71772    | 2.029    | ppbv   | 100      |
| 58) Ethyl Benzene           | 9.367  | 91    | 7037     | 0.150    | ppbv   | 91       |
| 59) m/p-Xylene              | 9.542  | 91    | 15926m   | 0.434    | ppbv   |          |
| 60) o-Xylene                | 9.969  | 91    | 6210     | 0.168    | ppbv   | 95       |
| 61) Styrene                 | 9.885  | 104   | 4357m    | 0.252    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.542 | 105   | 6218m    | 0.149    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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