

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL080425\  
 Data File : VL042799.D  
 Acq On : 04 Aug 2025 11:49  
 Operator : SY/MD  
 Sample : Q2750-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 WONDER IA-2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025  
 Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 01:01:57 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 5 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.787 | 49   | 168040   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.959 | 114  | 466299   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.878 | 117  | 405142   | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 346336 10.794 ppbv 0.00  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.900%

Target Compounds

|                            |        |     |           |          |        | Qvalue |
|----------------------------|--------|-----|-----------|----------|--------|--------|
| 2) Dichlorodifluoromethane | 1.496  | 85  | 11725     | 0.528    | ppbv   | 93     |
| 3) Chlorodifluoromethane   | 1.473  | 51  | 1667967   | 57.631   | ppbv # | 80     |
| 4) Chloromethane           | 1.531  | 50  | 69558     | 7.739    | ppbv   | 96     |
| 9) Propene                 | 1.486  | 41  | 167322m   | 15.907   | ppbv   |        |
| 10) Heptane                | 4.981  | 43  | 7274m     | 0.256    | ppbv   |        |
| 11) Trichlorofluoromethane | 1.877  | 101 | 4681      | 0.204    | ppbv   | 94     |
| 13) Ethanol                | 1.725  | 45  | 4604154   | 6010.216 | ppbv   | 93     |
| 15) Acetone                | 1.832  | 43  | 2199380   | 94.786   | ppbv # | 77     |
| 19) Isopropyl Alcohol      | 1.994  | 45  | 26405566m | 2141.446 | ppbv   |        |
| 20) Methylene Chloride     | 2.062  | 84  | 14457     | 1.977    | ppbv   | 98     |
| 23) Vinyl Acetate          | 2.460  | 43  | 59640     | 2.120    | ppbv # | 90     |
| 25) Ethyl Acetate          | 2.842  | 43  | 264836m   | 5.156    | ppbv   |        |
| 26) Hexane                 | 2.823  | 57  | 43398     | 1.926    | ppbv # | 1      |
| 27) Carbon Disulfide       | 2.146  | 76  | 70116     | 3.635    | ppbv # | 65     |
| 29) Chloroform             | 2.848  | 83  | 28519     | 0.819    | ppbv   | 97     |
| 34) 2-Butanone             | 2.564  | 43  | 63731     | 1.929    | ppbv   | 99     |
| 35) Carbon Tetrachloride   | 3.764  | 117 | 3474m     | 0.100    | ppbv   |        |
| 36) Benzene                | 3.654  | 78  | 13550     | 0.307    | ppbv   | 96     |
| 41) Tetrahydrofuran        | 3.072  | 42  | 9335m     | 0.555    | ppbv   |        |
| 44) 2,2,4-Trimethylpentane | 4.638  | 57  | 8131m     | 0.113    | ppbv   |        |
| 52) Tetrachloroethene      | 8.215  | 164 | 799m      | 0.044    | ppbv   |        |
| 53) Toluene                | 6.933  | 91  | 42388     | 0.893    | ppbv   | 98     |
| 59) m/p-Xylene             | 9.529  | 91  | 13930m    | 0.272    | ppbv   |        |
| 61) Styrene                | 9.869  | 104 | 4307m     | 0.200    | ppbv   |        |
| 69) p-Isopropyltoluene     | 11.927 | 119 | 54078     | 0.697    | ppbv # | 93     |
| 79) Naphthalene            | 13.513 | 128 | 6363      | 0.537    | ppbv # | 91     |
| 81) 1,2,4-Trichlorobenzene | 13.442 | 180 | 2468      | 0.506    | ppbv # | 90     |

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

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