

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL041525\  
 Data File : VL042336.D  
 Acq On : 15 Apr 2025 17:14  
 Operator : SY/MD  
 Sample : Q1802-01 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025  
 Supervised By :Mahesh Dadoda 04/16/2025

Quant Time: Apr 16 01:34:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.816  | 49    | 187159   | 10.000   | ppbv   | 0.03     |
| 33) 1,4-Difluorobenzene     | 4.001  | 114   | 441424   | 10.000   | ppbv   | 0.05     |
| 55) Chlorobenzene-d5        | 8.917  | 117   | 401113   | 10.000   | ppbv   | 0.04     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.406 | 95    | 347560   | 10.551   | ppbv   | 0.04     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 105.500% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 1.505  | 85    | 3034     | 0.110    | ppbv   | 93       |
| 9) Propene                  | 1.492  | 41    | 8160     | 0.631    | ppbv   | 96       |
| 10) Heptane                 | 5.030  | 43    | 3593m    | 0.104    | ppbv   |          |
| 13) Ethanol                 | 1.735  | 45    | 27277    | 22.300   | ppbv # | 27       |
| 15) Acetone                 | 1.855  | 43    | 36128    | 1.380    | ppbv # | 4        |
| 20) Methylene Chloride      | 2.081  | 84    | 2029     | 0.208    | ppbv # | 81       |
| 26) Hexane                  | 2.858  | 57    | 4910     | 0.187    | ppbv # | 1        |
| 29) Chloroform              | 2.877  | 83    | 95381    | 2.484    | ppbv   | 96       |
| 31) cis-1,2-Dichloroethene  | 2.748  | 61    | 21485    | 0.807    | ppbv   | 94       |
| 34) 2-Butanone              | 2.583  | 43    | 200144   | 6.253    | ppbv   | 97       |
| 38) Trichloroethene         | 4.593  | 130   | 78558    | 4.302    | ppbv   | 92       |
| 44) 2,2,4-Trimethylpentane  | 4.690  | 57    | 16864    | 0.228    | ppbv # | 56       |
| 51) 2-Hexanone              | 7.486  | 43    | 30458    | 0.731    | ppbv # | 82       |
| 52) Tetrachloroethene       | 8.270  | 164   | 1681038  | 96.862   | ppbv   | 95       |
| 53) Toluene                 | 6.985  | 91    | 26241    | 0.506    | ppbv   | 100      |
| 58) Ethyl Benzene           | 9.386  | 91    | 7529     | 0.106    | ppbv   | 97       |
| 59) m/p-Xylene              | 9.561  | 91    | 28519    | 0.501    | ppbv   | 98       |
| 60) o-Xylene                | 9.995  | 91    | 17051    | 0.299    | ppbv   | 88       |
| 73) 1,3,5-Trimethylbenzene  | 11.234 | 105   | 12448m   | 0.201    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.561 | 105   | 36517    | 0.511    | ppbv # | 67       |
| -----                       |        |       |          |          |        |          |

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

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