

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL042825\  
 Data File : VL042429.D  
 Acq On : 28 Apr 2025 16:50  
 Operator : SY/MD  
 Sample : Q1880-10  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P16-SC-AA01-20250422

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025  
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 29 01:40:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.784  | 49    | 126248   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.956  | 114   | 347099   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.879  | 117   | 291241   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95    | 255913   | 10.693   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 106.900% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 10161    | 0.456    | ppbv   | 94       |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 5992m    | 0.282    | ppbv   |          |
| 4) Chloromethane            | 1.531  | 50    | 5240     | 0.594    | ppbv   | 92       |
| 9) Propene                  | 1.486  | 41    | 4350m    | 0.450    | ppbv   |          |
| 11) Trichlorofluoromethane  | 1.878  | 101   | 5511     | 0.260    | ppbv   | 91       |
| 13) Ethanol                 | 1.719  | 45    | 11666    | 7.588    | ppbv # | 24       |
| 15) Acetone                 | 1.836  | 43    | 68450    | 3.312    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.887  | 45    | 8781     | 0.765    | ppbv # | 1        |
| 20) Methylene Chloride      | 2.062  | 84    | 8715     | 1.077    | ppbv # | 81       |
| 26) Hexane                  | 2.823  | 57    | 10435    | 0.506    | ppbv # | 36       |
| 34) 2-Butanone              | 2.561  | 43    | 8080     | 0.294    | ppbv   | 97       |
| 35) Carbon Tetrachloride    | 3.765  | 117   | 2327m    | 0.074    | ppbv   |          |
| 36) Benzene                 | 3.655  | 78    | 4175     | 0.112    | ppbv # | 72       |
| 52) Tetrachloroethene       | 8.225  | 164   | 943m     | 0.065    | ppbv   |          |
| 53) Toluene                 | 6.930  | 91    | 7437m    | 0.166    | ppbv   |          |
| 59) m/p-Xylene              | 9.523  | 91    | 6449m    | 0.139    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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