

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL040725\  
 Data File : VL042251.D  
 Acq On : 08 Apr 2025 01:48  
 Operator : SY/MD  
 Sample : Q1725-08DL 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSSG-B10-2-03312025DL

Quant Time: Apr 08 04:49:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2  
 QLast Update : Fri Mar 28 02:00:52 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/08/2025  
 Supervised By : Mahesh Dadoda 04/09/2025

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.803  | 49    | 194708   | 10.000   | ppbv   | 0.02     |
| 33) 1,4-Difluorobenzene     | 3.985  | 114   | 494678   | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 8.907  | 117   | 424907   | 10.000   | ppbv   | 0.03     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.396 | 95    | 324876   | 9.310    | ppbv   | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 93.100%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 9) Propene                  | 1.496  | 41    | 2943     | 0.219    | ppbv   | 100      |
| 13) Ethanol                 | 1.732  | 45    | 119090   | 93.585   | ppbv   | 81       |
| 15) Acetone                 | 1.845  | 43    | 109482   | 4.020    | ppbv   | 96       |
| 19) Isopropyl Alcohol       | 1.897  | 45    | 196635   | 12.798   | ppbv # | 33       |
| 20) Methylene Chloride      | 2.072  | 84    | 1654     | 0.163    | ppbv # | 92       |
| 34) 2-Butanone              | 2.577  | 43    | 18789    | 0.524    | ppbv   | 94       |
| 52) Tetrachloroethene       | 8.250  | 164   | 1481m    | 0.076    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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