

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031025\  
 Data File : VL042138.D  
 Acq On : 10 Mar 2025 22:10  
 Operator : SY/MD  
 Sample : Q1533-03DL 20X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV2DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025  
 Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:32:47 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.800  | 49    | 162532   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.975  | 114   | 392820   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.901  | 117   | 333862   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.390 | 95    | 284295   | 11.068   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 110.700% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 9) Propene                  | 1.492  | 41    | 2333     | 0.242    | ppbv   | 92       |
| 13) Ethanol                 | 1.728  | 45    | 162279   | 265.641  | ppbv   | 92       |
| 15) Acetone                 | 1.842  | 43    | 29048    | 2.024    | ppbv   | 96       |
| 19) Isopropyl Alcohol       | 1.894  | 45    | 400028   | 48.519   | ppbv # | 34       |
| 20) Methylene Chloride      | 2.072  | 84    | 2493     | 0.459    | ppbv # | 67       |
| 52) Tetrachloroethene       | 8.247  | 164   | 11476    | 0.815    | ppbv   | 92       |
| 59) m/p-Xylene              | 9.548  | 91    | 8067m    | 0.165    | ppbv   |          |
| 60) o-Xylene                | 9.975  | 91    | 6759m    | 0.137    | ppbv   |          |
| 64) n-propylbenzene         | 11.005 | 120   | 3520     | 0.182    | ppbv   | 87       |
| 70) n-Butylbenzene          | 12.293 | 91    | 21156    | 0.272    | ppbv # | 71       |
| 72) 4-Ethyltoluene          | 11.141 | 105   | 13985    | 0.233    | ppbv # | 55       |
| 73) 1,3,5-Trimethylbenzene  | 11.218 | 105   | 18094    | 0.347    | ppbv   | 97       |
| -----                       |        |       |          |          |        |          |

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

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