

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL050525\  
 Data File : VL042479.D  
 Acq On : 05 May 2025 16:59  
 Operator : SY/MD  
 Sample : Q1927-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EBR-P03-SC-IA01-20250428

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2025  
 Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:44 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.787  | 49    | 68950    | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.959  | 114   | 192895   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.885  | 117   | 161884   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.377 | 95    | 156074   | 10.399   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 104.000% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 6203     | 0.544    | ppbv   | 99       |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 6267m    | 0.519    | ppbv   |          |
| 4) Chloromethane            | 1.531  | 50    | 2764     | 0.580    | ppbv # | 81       |
| 9) Propene                  | 1.489  | 41    | 15749m   | 3.991    | ppbv   |          |
| 11) Trichlorofluoromethane  | 1.877  | 101   | 3702     | 0.352    | ppbv   | 85       |
| 13) Ethanol                 | 1.722  | 45    | 69923    | 87.324   | ppbv   | 98       |
| 15) Acetone                 | 1.835  | 43    | 83945    | 6.669    | ppbv   | 94       |
| 19) Isopropyl Alcohol       | 1.887  | 45    | 37731m   | 5.416    | ppbv   |          |
| 20) Methylene Chloride      | 2.062  | 84    | 2323     | 0.614    | ppbv   | 91       |
| 26) Hexane                  | 2.829  | 57    | 1523m    | 0.173    | ppbv   |          |
| 34) 2-Butanone              | 2.564  | 43    | 8223     | 0.589    | ppbv   | 92       |
| 35) Carbon Tetrachloride    | 3.768  | 117   | 1479m    | 0.084    | ppbv   |          |
| 36) Benzene                 | 3.654  | 78    | 1907m    | 0.105    | ppbv   |          |
| 53) Toluene                 | 6.936  | 91    | 15497m   | 0.804    | ppbv   |          |
| 58) Ethyl Benzene           | 9.354  | 91    | 2768m    | 0.102    | ppbv   |          |
| 59) m/p-Xylene              | 9.535  | 91    | 7750m    | 0.342    | ppbv   |          |
| 60) o-Xylene                | 9.963  | 91    | 2307m    | 0.102    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

## Manual Integrations

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The chromatogram displays abundance on the y-axis (ranging from 0 to 750,000) against time in minutes on the x-axis (ranging from 1.00 to 21.00). The title is 'TIC: VL042479.D\data.ms'. Numerous peaks are present, with the following compounds labeled:

- Propene, T
- Ethanol, T
- Acetone, T
- Methyl acetate, T
- Methyl Chloride, T
- 2-Butanone, T
- Hexane, T
- Benzoic acid, T
- Tetrachloride, T
- 1,4-Difluorobenzene, I
- Toluene, T
- Chlorobenzene-d5, I
- Ethyl Benzene, T
- m,p-Xylene, I
- o-Xylene, T
- 1-Bromo-4-Fluorobenzene, S