

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL041825\  
 Data File : VL042388.D  
 Acq On : 18 Apr 2025 13:12  
 Operator : SY/MD  
 Sample : Q1726-02DL2 40X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-B2-6-03312025DL2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025  
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:58:20 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    | 132986   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.952  | 114   | 409322   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.875  | 117   | 354583   | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.370 | 95    | 288297   | 9.894    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 98.900%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 4) Chloromethane            | 1.531  | 50    | 1157     | 0.124    | ppbv # | 76       |
| 9) Propene                  | 1.489  | 41    | 1101     | 0.108    | ppbv # | 80       |
| 10) Heptane                 | 4.968  | 43    | 3875m    | 0.135    | ppbv   |          |
| 13) Ethanol                 | 1.719  | 45    | 8476     | 5.234    | ppbv   | 85       |
| 15) Acetone                 | 1.832  | 43    | 132763   | 6.098    | ppbv   | 98       |
| 19) Isopropyl Alcohol       | 1.884  | 45    | 7402     | 0.612    | ppbv # | 1        |
| 44) 2,2,4-Trimethylpentane  | 4.638  | 57    | 17626m   | 0.231    | ppbv   |          |
| 53) Toluene                 | 6.930  | 91    | 36363    | 0.686    | ppbv   | 100      |
| 58) Ethyl Benzene           | 9.348  | 91    | 9406m    | 0.134    | ppbv   |          |
| 59) m/p-Xylene              | 9.526  | 91    | 27952    | 0.494    | ppbv   | 96       |
| 60) o-Xylene                | 9.956  | 91    | 10620m   | 0.186    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.532 | 105   | 17448    | 0.243    | ppbv # | 63       |
| -----                       |        |       |          |          |        |          |

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

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