

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL020623\  
 Data File : VL040151.D  
 Acq On : 6 Feb 2023 18:23  
 Operator : SY/MD  
 Sample : 01438-05DL 5X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA2DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2023  
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:57:54 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.176  | 49    | 943716   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 2476275  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.455 | 117   | 2133749  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.770 | 95    | 1582639  | 8.924    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 89.200%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 4) Chloromethane            | 2.800  | 50    | 7699m    | 0.110    | ppbv   | Qvalue   |
| 9) Propene                  | 2.678  | 41    | 99637    | 2.119    | ppbv   | 98       |
| 11) Trichlorofluoromethane  | 3.546  | 101   | 16936m   | 0.103    | ppbv   |          |
| 13) Ethanol                 | 3.218  | 45    | 469543   | 108.474  | ppbv   | 99       |
| 15) Acetone                 | 3.456  | 43    | 141138m  | 1.247    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.559  | 45    | 1262804  | 22.804   | ppbv # | 95       |
| 20) Methylene Chloride      | 3.919  | 84    | 259693   | 5.201    | ppbv   | 95       |
| 26) Hexane                  | 5.198  | 57    | 22178    | 0.254    | ppbv # | 36       |
| -----                       |        |       |          |          |        |          |

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

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