

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL071023\  
 Data File : VL040522.D  
 Acq On : 11 Jul 2023 1:21  
 Operator : SY/MD  
 Sample : 03535-02 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV2

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023  
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 02:11:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 11 2023  
 QLast Update : Mon Jul 10 16:32:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.195  | 49    | 1084153  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.655  | 114   | 2823722  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.468 | 117   | 2507173  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.780 | 95    | 1969948  | 9.928    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.300%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.732  | 85    | 23474    | 0.108    | ppbv   | 100      |
| 3) Chlorodifluoromethane    | 2.681  | 51    | 13587    | 0.079    | ppbv   | 97       |
| 9) Propene                  | 2.703  | 41    | 19666    | 0.334    | ppbv   | 87       |
| 11) Trichlorofluoromethane  | 3.568  | 101   | 9574     | 0.055    | ppbv   | 84       |
| 13) Ethanol                 | 3.250  | 45    | 32878m   | 2.569    | ppbv   |          |
| 15) Acetone                 | 3.472  | 43    | 748687   | 5.999    | ppbv   | 97       |
| 17) tert-Butyl alcohol      | 3.896  | 59    | 12196    | 0.094    | ppbv # | 86       |
| 20) Methylene Chloride      | 3.931  | 84    | 30852m   | 0.581    | ppbv   |          |
| 26) Hexane                  | 5.214  | 57    | 307727   | 2.788    | ppbv # | 37       |
| 34) 2-Butanone              | 4.800  | 43    | 40884    | 0.293    | ppbv   | 96       |
| 52) Tetrachloroethene       | 10.613 | 164   | 32159m   | 0.437    | ppbv   |          |
| 53) Toluene                 | 9.224  | 91    | 58470m   | 0.237    | ppbv   |          |
| 59) m/p-Xylene              | 12.343 | 91    | 14180m   | 0.050    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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