

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL080723\  
 Data File : VL040599.D  
 Acq On : 7 Aug 2023 15:14  
 Operator : SY/MD  
 Sample : 03907-01DL 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA-1DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023  
 Supervised By : Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:41:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 4 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       | 5.198     | 49    | 1160268  | 10.000   | ppbv       | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.661     | 114   | 2804492  | 10.000   | ppbv       | 0.00     |
| 55) Chlorobenzene-d5        | 11.481    | 117   | 2484157  | 10.000   | ppbv       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.786    | 95    | 2079629  | 10.578   | ppbv       | 0.00     |
| Spiked Amount               | 10.000    | Range | 65 - 135 | Recovery | = 105.800% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane  | 2.732     | 85    | 25984    | 0.112    | ppbv       | 90       |
| 4) Chloromethane            | 2.819     | 50    | 7704     | 0.106    | ppbv       | 99       |
| 9) Propene                  | 3.018     | 41    | 7237m    | 0.115    | ppbv       |          |
| 13) Ethanol                 | 3.243     | 45    | 269986   | 19.709   | ppbv       | 94       |
| 15) Acetone                 | 3.475     | 43    | 1004268  | 7.519    | ppbv       | 98       |
| 34) 2-Butanone              | 4.799     | 43    | 37842m   | 0.273    | ppbv       |          |
| 36) Benzene                 | 6.381     | 78    | 24578m   | 0.109    | ppbv       |          |
| 50) 4-Methyl-2-Pentanone    | 8.211     | 43    | 50448    | 0.251    | ppbv       | 100      |
| 53) Toluene                 | 9.233     | 91    | 448291   | 1.829    | ppbv       | 99       |
| 58) Ethyl Benzene           | 12.098    | 91    | 49500m   | 0.159    | ppbv       |          |
| 59) m/p-Xylene              | 12.355    | 91    | 192934m  | 0.693    | ppbv       |          |
| 60) o-Xylene                | 13.076    | 91    | 52007m   | 0.196    | ppbv       |          |
| -----                       |           |       |          |          |            |          |

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

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