

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
 Data File : VL040933.D  
 Acq On : 21 Dec 2023 17:13  
 Operator : SY/MD  
 Sample : 05813-03DL 4X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 10158DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023  
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:08:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.185  | 49    | 1252599  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 3080347  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.436 | 117   | 2640104  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.745 | 95    | 2007820  | 10.325   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 103.200% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.751  | 85    | 26873    | 0.113    | ppbv   | 95       |
| 4) Chloromethane            | 2.835  | 50    | 9400m    | 0.135    | ppbv   |          |
| 9) Propene                  | 2.732  | 41    | 21750m   | 0.350    | ppbv   |          |
| 13) Ethanol                 | 3.269  | 45    | 33193    | 2.115    | ppbv   | 80       |
| 15) Acetone                 | 3.488  | 43    | 211380   | 1.407    | ppbv   | 93       |
| 19) Isopropyl Alcohol       | 3.610  | 45    | 27341m   | 0.349    | ppbv   |          |
| 20) Methylene Chloride      | 3.941  | 84    | 423944   | 7.917    | ppbv   | 98       |
| 25) Ethyl Acetate           | 5.208  | 43    | 323491   | 1.243    | ppbv # | 77       |
| 26) Hexane                  | 5.205  | 57    | 453644   | 3.932    | ppbv # | 41       |
| 53) Toluene                 | 9.201  | 91    | 34732    | 0.130    | ppbv   | 93       |
| -----                       |        |       |          |          |        |          |

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

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