

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081321\  
 Data File : VL037450.D  
 Acq On : 13 Aug 2021 15:50  
 Operator : SY/AP  
 Sample : M2262-14 0.03 LOQ  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 LOQ-AIR-02-QT2-2021

Manual Integrations  
 APPROVED

MMDadoda  
 8/16/2021 5:04:07 PM

Quant Time: Aug 16 02:54:44 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 13 2021  
 QLast Update : Fri Aug 13 01:37:35 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1171484  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3617590  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 3093906  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2217286  | 9.99     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.90% |

| Target Compounds              |       |     |        |       | Ovalue |
|-------------------------------|-------|-----|--------|-------|--------|
| 5) Vinyl Chloride             | 3.25  | 62  | 3906m  | 0.043 | ppbv   |
| 32) 1,1,1-Trichloroethane     | 6.52  | 97  | 8382m  | 0.039 | ppbv   |
| 35) Carbon Tetrachloride      | 7.01  | 117 | 7498m  | 0.034 | ppbv   |
| 38) Trichloroethene           | 7.85  | 130 | 5708m  | 0.042 | ppbv   |
| 52) Tetrachloroethene         | 11.22 | 164 | 5414m  | 0.042 | ppbv   |
| 63) 1,1,2,2-Tetrachloroethane | 13.67 | 83  | 12548m | 0.049 | ppbv   |

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

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