

Data Path : Y:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\  
 Data File : VL037478.D  
 Acq On : 17 Aug 2021 1:53  
 Operator : SY/AP  
 Sample : M2940-14 0.03 LOQ  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 LOQ-AIR-02-QT3-2021

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2021 5:59:46 PM

Quant Time: Aug 17 03:41:58 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Aug 17 2021  
 QLast Update : Tue Aug 17 02:13:47 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1344629  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 4114115  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 3542765  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2533845  | 10.07    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.70% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 5) Vinyl Chloride             | 3.25  | 62   | 4591     | 0.049 | ppbv  | 95     |
| 32) 1,1,1-Trichloroethane     | 6.49  | 97   | 10398m   | 0.044 | ppbv  |        |
| 35) Carbon Tetrachloride      | 7.00  | 117  | 8832m    | 0.036 | ppbv  |        |
| 38) Trichloroethene           | 7.82  | 130  | 5790m    | 0.041 | ppbv  |        |
| 52) Tetrachloroethene         | 11.21 | 164  | 6997m    | 0.049 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.66 | 83   | 16048m   | 0.054 | ppbv  |        |

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

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