

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050720\  
 Data File : VL034981.D  
 Acq On : 7 May 2020 23:48  
 Operator : SY/AP  
 Sample : L2182-15 0.03  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 MDL-AIR-01-QT2-2020

Manual Integrations  
 APPROVED

MMDadoda  
 5/8/2020 5:22:56 PM

Quant Time: May 08 07:27:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed May 0  
 QLast Update : Wed May 06 14:49:39 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1000735  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 2304155  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.12 | 117  | 2158003  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 1795197  | 10.28    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.80% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 5) Vinyl Chloride             | 3.23  | 62   | 2726m    | 0.043 | ppbv  |        |
| 32) 1,1,1-Trichloroethane     | 6.51  | 97   | 7345m    | 0.052 | ppbv  |        |
| 35) Carbon Tetrachloride      | 7.03  | 117  | 7398m    | 0.051 | ppbv  |        |
| 38) Trichloroethene           | 7.86  | 130  | 2711m    | 0.037 | ppbv  |        |
| 52) Tetrachloroethene         | 11.25 | 164  | 2834m    | 0.042 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.73 | 83   | 9200m    | 0.050 | ppbv  |        |

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

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