

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\  
 Data File : VL035047.D  
 Acq On : 19 May 2020 16:59  
 Operator : SY/AP  
 Sample : L2683-01DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 DC-IADL

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2020 4:27:18 PM

Quant Time: May 20 06:00:31 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   | 5.64  | 49   | 1120190  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 2567270  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 2451977  | 10.00 | ppbv  | -0.03    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 2061446  | 10.39    | ppbv | -0.03   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.90% |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 9) Propene             | 2.97  | 41   | 6718     | 0.121 | ppbv # | 79     |
| 13) Ethanol            | 3.58  | 45   | 21063m   | 1.150 | ppbv   |        |
| 15) Acetone            | 3.82  | 43   | 115950   | 0.783 | ppbv   | 94     |
| 20) Methylene Chloride | 4.31  | 84   | 26299    | 0.536 | ppbv # | 72     |
| 26) Hexane             | 5.66  | 57   | 15560m   | 0.144 | ppbv   |        |
| 52) Tetrachloroethene  | 11.24 | 164  | 11367m   | 0.151 | ppbv   |        |

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

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