

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL012218\  
 Data File : VL031433.D  
 Acq On : 23 Jan 2018 2:04  
 Operator : SY/AP  
 Sample : J1089-08 0.025 MDL  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 MDL-AIR-1DL

Manual Integrations  
 APPROVED

MMDadoda  
 1/24/2018 5:10:33 PM

Quant Time: Jan 23 07:14:16 2018  
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL012218AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Jan 23 2018  
 QLast Update : Mon Jan 22 17:52:32 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.91  | 49   | 1209087  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.45  | 114  | 2698591  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.41 | 117  | 2638308  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.75  | 95    | 2159292  | 10.22    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.20% |

| Target Compounds              | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-------------------------------|-------|------|----------|------|-------|--------|
| 5) Vinyl Chloride             | 3.41  | 62   | 2629     | 0.04 | ppbv  | # 71   |
| 35) Carbon Tetrachloride      | 7.28  | 117  | 7314m    | 0.03 | ppbv  |        |
| 38) Trichloroethene           | 8.12  | 130  | 3437m    | 0.04 | ppbv  |        |
| 52) Tetrachloroethene         | 11.53 | 164  | 2771m    | 0.03 | ppbv  |        |
| 63) 1,1,2,2-Tetrachloroethane | 14.01 | 83   | 7033m    | 0.03 | ppbv  |        |

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

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