

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\  
 Data File : VL035870.D  
 Acq On : 5 Nov 2020 21:41  
 Operator : SY/AP  
 Sample : L4220-05DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1DL

Manual Integrations  
 APPROVED

MMDadoda  
 11/9/2020 10:47:34 AM

Quant Time: Nov 06 01:27:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Nov 04 02:40:06 2020  
 QLast Update : Wed Nov 04 02:40:06 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.64  | 49   | 998856   | 10.00 | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3698220  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 3401677  | 10.00 | ppbv  | -0.04    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2454418  | 10.16    | ppbv | -0.04   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.60% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|------|------|----------|-------|--------|--------|
| 13) Ethanol            | 3.60 | 45   | 11811m   | 1.244 | ppbv   |        |
| 15) Acetone            | 3.84 | 43   | 49629    | 0.465 | ppbv # | 76     |
| 20) Methylene Chloride | 4.32 | 84   | 71478    | 0.951 | ppbv   | 97     |
| 26) Hexane             | 5.66 | 57   | 29607    | 0.255 | ppbv # | 45     |

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

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