

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\  
 Data File : VL036331.D  
 Acq On : 10 Feb 2021 23:53  
 Operator : SY/AP  
 Sample : M1343-03DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SR-4BDL

Manual Integrations  
 APPROVED

MMDadoda  
 2/12/2021 1:42:42 PM

Quant Time: Feb 11 21:12:03 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Feb 10 2021  
 QLast Update : Wed Feb 10 16:04:02 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1700915  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3706353  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 3325789  | 10.00 | ppbv  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2663825  | 9.73     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 97.30% |

| Target Compounds         | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|--------------------------|------|------|----------|---------|--------|--------|
| 3) Chlorodifluoromethane | 2.97 | 51   | 187063   | 0.885   | ppbv # | 92     |
| 9) Propene               | 3.01 | 41   | 32573m   | 0.413   | ppbv   |        |
| 13) Ethanol              | 3.59 | 45   | 2479711  | 167.547 | ppbv   | 91     |
| 15) Acetone              | 3.84 | 43   | 178273   | 0.857   | ppbv # | 86     |
| 19) Isopropyl Alcohol    | 3.96 | 45   | 364769m  | 3.167   | ppbv   |        |
| 36) Benzene              | 6.87 | 78   | 36273    | 0.115   | ppbv   | 98     |
| 53) Toluene              | 9.78 | 91   | 34037m   | 0.100   | ppbv   |        |

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

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