

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\  
 Data File : VL036329.D  
 Acq On : 10 Feb 2021 22:34  
 Operator : SY/AP  
 Sample : M1343-02DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SR-3BDL

Manual Integrations  
 APPROVED

MMDadoda  
 2/12/2021 1:42:38 PM

Quant Time: Feb 11 21:10:59 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Feb 10 16:04:02 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   | 1711883  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3662659  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 3367065  | 10.00 | ppbv  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2658176  | 9.60     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.00% |

| Target Compounds         | R.T. | QIon | Response | Conc    | Units | Ovalue |
|--------------------------|------|------|----------|---------|-------|--------|
| 3) Chlorodifluoromethane | 2.97 | 51   | 110834   | 0.521   | ppbv  | # 86   |
| 9) Propene               | 3.01 | 41   | 29100m   | 0.367   | ppbv  |        |
| 13) Ethanol              | 3.59 | 45   | 2303348  | 154.634 | ppbv  | 90     |
| 15) Acetone              | 3.84 | 43   | 198279m  | 0.948   | ppbv  |        |
| 19) Isopropyl Alcohol    | 3.96 | 45   | 508050m  | 4.382   | ppbv  |        |
| 36) Benzene              | 6.86 | 78   | 41375m   | 0.133   | ppbv  |        |

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

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