

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\  
 Data File : VL036519.D  
 Acq On : 26 Mar 2021 18:27  
 Operator : SY/AP  
 Sample : M1760-12DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS-1-MAIN-ELECT-RMDL

Manual Integrations  
 APPROVED

MMDadoda  
 3/29/2021 4:39:28 PM

Quant Time: Mar 28 21:11:31 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Mar 28 2021  
 QLast Update : Thu Mar 25 09:42:40 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 1371605  | 10.00 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 3237392  | 10.00 | ppbv  | 0.01     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 2883450  | 10.00 | ppbv  | 0.01     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 68) 1-Bromo-4-Fluorobenzene | 14.44  | 95    | 2175809  | 9.47     | ppbv | 0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 94.70% |

| Target Compounds           | R.T. | QIon | Response | Conc   | Units | Ovalue |
|----------------------------|------|------|----------|--------|-------|--------|
| 13) Ethanol                | 3.62 | 45   | 603500m  | 62.033 | ppbv  |        |
| 15) Acetone                | 3.87 | 43   | 186920m  | 1.385  | ppbv  |        |
| 19) Isopropyl Alcohol      | 3.99 | 45   | 123869   | 1.668  | ppbv  | # 94   |
| 20) Methylene Chloride     | 4.36 | 84   | 106411m  | 1.684  | ppbv  |        |
| 31) cis-1,2-Dichloroethene | 5.56 | 61   | 30709m   | 0.213  | ppbv  |        |
| 38) Trichloroethene        | 7.86 | 130  | 44797m   | 0.386  | ppbv  |        |

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

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