

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\  
 Data File : VL034748.D  
 Acq On : 28 Feb 2020 22:27  
 Operator : SY/AP  
 Sample : L1661-07DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-7-TEACHER-WORKROOMDL

Manual Integrations  
 APPROVED

MMDadoda  
 3/2/2020 1:01:42 PM

Quant Time: Mar 02 12:19:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Feb 28 2020  
 QLast Update : Fri Feb 28 01:15:02 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1025773  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2136242  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.12 | 117  | 2090281  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.46  | 95    | 1751245  | 10.22    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.20% |

| Target Compounds           | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|------|------|----------|--------|--------|--------|
| 13) Ethanol                | 3.57 | 45   | 268070   | 18.338 | ppbv   | 96     |
| 15) Acetone                | 3.83 | 43   | 241149   | 2.063  | ppbv   | 98     |
| 17) tert-Butyl alcohol     | 4.29 | 59   | 45738    | 0.511  | ppbv # | 90     |
| 19) Isopropyl Alcohol      | 3.95 | 45   | 449983   | 6.463  | ppbv   | 100    |
| 31) cis-1,2-Dichloroethene | 5.54 | 61   | 13395m   | 0.143  | ppbv   |        |
| 38) Trichloroethene        | 7.84 | 130  | 86050    | 1.210  | ppbv   | 93     |
| 53) Toluene                | 9.83 | 91   | 52792m   | 0.269  | ppbv   |        |

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

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