

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\  
 Data File : VL034875.D  
 Acq On : 10 Mar 2020 20:57  
 Operator : SY/AP  
 Sample : L1861-04DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 NS-2DL

Manual Integrations  
 APPROVED

MMDadoda  
 3/11/2020 3:17:42 PM

Quant Time: Mar 11 07:36:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 0  
 QLast Update : Mon Mar 09 16:42:53 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 926455   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2052598  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.11 | 117  | 1991795  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 1631453  | 10.50    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 105.00% |

| Target Compounds | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|------------------|------|------|----------|--------|--------|--------|
| 9) Propene       | 2.97 | 41   | 37254m   | 0.754  | ppbv   |        |
| 13) Ethanol      | 3.57 | 45   | 318731   | 21.217 | ppbv   | 92     |
| 15) Acetone      | 3.83 | 43   | 114098   | 0.950  | ppbv # | 71     |

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

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