

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\  
Data File : VL032803.D  
Acq On : 21 Nov 2018 7:10  
Operator : SY/AP  
Sample : J6015-02DL 10X  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
OA-1DL

Manual Integrations  
APPROVED

MMDadoda  
11/26/2018 9:19:07 AM

Quant Time: Nov 21 08:00:38 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 14 07:00:23 2018  
QLast Update : Wed Nov 14 07:00:23 2018  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.77  | 49   | 1265491  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3201170  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 2857365  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 2283956  | 10.69    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 106.90% |

| Target Compounds |      |    |        |       | Ovalue   |
|------------------|------|----|--------|-------|----------|
| 13) Ethanol      | 3.68 | 45 | 29269m | 2.226 | ppbv     |
| 15) Acetone      | 3.93 | 43 | 34457  | 0.298 | ppbv 100 |

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

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