

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\  
 Data File : VL032703.D  
 Acq On : 30 Oct 2018 18:06  
 Operator : SY/AP  
 Sample : J5702-01DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 FIA-1DDL

Manual Integrations  
 APPROVED

MMDadoda  
 10/31/2018 10:40:02 AM

Quant Time: Oct 31 05:43:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Oct 25 05:43:18 2018  
 QLast Update : Thu Oct 25 05:15:43 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.77  | 49   | 1372578  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3333269  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 3340988  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units   | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|---------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.59  | 95    | 2535034  | 10.19    | ppbv | 0.00    |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.90% |          |

| Target Compounds         | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------|------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane | 3.02 | 51   | 1174679  | 10.943 | ppbv   | 99     |
| 9) Propene               | 3.06 | 41   | 299121m  | 6.771  | ppbv   |        |
| 13) Ethanol              | 3.67 | 45   | 42274    | 3.348  | ppbv   | 95     |
| 15) Acetone              | 3.90 | 43   | 4101202  | 32.357 | ppbv   | 99     |
| 19) Isopropyl Alcohol    | 4.04 | 45   | 440370   | 4.879  | ppbv # | 93     |
| 20) Methylene Chloride   | 4.43 | 84   | 20715m   | 0.322  | ppbv   |        |
| 25) Ethyl Acetate        | 5.79 | 43   | 43281    | 0.148  | ppbv # | 94     |
| 53) Toluene              | 9.96 | 91   | 40763m   | 0.131  | ppbv   |        |

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

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