

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\  
 Data File : VL032763.D  
 Acq On : 14 Nov 2018 17:45  
 Operator : SY/AP  
 Sample : J5896-02DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DL

Manual Integrations  
 APPROVED

MMDadoda  
 11/16/2018 1:30:08 PM

Quant Time: Nov 15 06:36:32 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   | 1559559  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.29  | 114  | 3849542  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 3495540  | 10.00 | ppbv  | -0.01    |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 2624394  | 10.04    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.40% |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 9) Propene             | 3.05  | 41   | 12403m   | 0.251 | ppbv   |        |
| 13) Ethanol            | 3.66  | 45   | 104707   | 6.461 | ppbv   | 98     |
| 15) Acetone            | 3.92  | 43   | 107616   | 0.756 | ppbv   | 99     |
| 19) Isopropyl Alcohol  | 4.06  | 45   | 16110m   | 0.170 | ppbv   |        |
| 20) Methylene Chloride | 4.41  | 84   | 29845    | 0.405 | ppbv # | 80     |
| 26) Hexane             | 5.79  | 57   | 21541    | 0.146 | ppbv # | 1      |
| 52) Tetrachloroethene  | 11.38 | 164  | 55332    | 0.519 | ppbv # | 87     |
| 53) Toluene            | 9.95  | 91   | 36534    | 0.114 | ppbv   | 91     |

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

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