

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\  
 Data File : VL032868.D  
 Acq On : 1 Dec 2018 3:28  
 Operator : SY/AP  
 Sample : J6132-07DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 DSV-06DL

Quant Time: Dec 03 16:42:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed 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   | 1339093  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3275208  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 3148559  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 2479100  | 10.53    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 105.30% |

| Target Compounds     | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|----------------------|------|------|----------|-------|--------|--------|
| 9) Propene           | 3.04 | 41   | 378759   | 8.915 | ppbv   | 93     |
| 13) Ethanol          | 3.66 | 45   | 69415    | 4.988 | ppbv   | 96     |
| 15) Acetone          | 3.91 | 43   | 319250   | 2.611 | ppbv # | 80     |
| 27) Carbon Disulfide | 4.63 | 76   | 77087    | 0.479 | ppbv # | 83     |
| 34) 2-Butanone       | 5.34 | 43   | 465359   | 2.739 | ppbv   | 98     |
| 36) Benzene          | 7.01 | 78   | 378543   | 1.451 | ppbv   | 97     |
| 53) Toluene          | 9.95 | 91   | 163694   | 0.602 | ppbv   | 98     |

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

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