

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL092718\  
 Data File : VL032566.D  
 Acq On : 28 Sep 2018 2:04  
 Operator : SY/AP  
 Sample : J5094-02DL 10X  
 Misc : 400ml/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 LIA-1DL

Quant Time: Sep 28 04:50:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL092418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Sep 25 05:17:15 2018  
 QLast Update : Tue Sep 25 05:17:15 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.79  | 49   | 1271392  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.32  | 114  | 2941435  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.27 | 117  | 2946603  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.61  | 95    | 2198296  | 9.89     | ppbv | -0.02  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.90% |

| Target Compounds         | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------|------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane | 3.03 | 51   | 18892    | 0.179  | ppbv   | 96     |
| 9) Propene               | 3.07 | 41   | 9107     | 0.199  | ppbv   | 86     |
| 13) Ethanol              | 3.67 | 45   | 176882   | 12.828 | ppbv   | 94     |
| 15) Acetone              | 3.93 | 43   | 113468   | 1.017  | ppbv   | 99     |
| 19) Isopropyl Alcohol    | 4.06 | 45   | 42342    | 0.545  | ppbv # | 89     |
| 20) Methylene Chloride   | 4.43 | 84   | 26489    | 0.490  | ppbv # | 85     |
| 26) Hexane               | 5.80 | 57   | 18729    | 0.153  | ppbv # | 45     |
| 53) Toluene              | 9.98 | 91   | 54799    | 0.189  | ppbv   | 91     |

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

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