

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL100719\  
 Data File : VL034245.D  
 Acq On : 8 Oct 2019 9:14  
 Operator : SY/AP  
 Sample : K5225-02DL2 40X  
 Misc : 400ml/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA3DL2

Quant Time: Oct 10 20:46:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL091719AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Sep 18 12:53:31 2019  
 QLast Update : Wed Sep 18 12:53:31 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 901768   | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.21  | 114  | 1676196  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.15 | 117  | 1687136  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.48  | 95    | 1479002  | 10.09    | ppbv | -0.03   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.90% |

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------|-------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane | 2.97  | 51   | 63883    | 0.604  | ppbv   | 96     |
| 13) Ethanol              | 3.59  | 45   | 80814    | 6.398  | ppbv   | 100    |
| 15) Acetone              | 3.85  | 43   | 75987    | 0.629  | ppbv   | 98     |
| 19) Isopropyl Alcohol    | 3.98  | 45   | 32956    | 0.443  | ppbv # | 90     |
| 76) 1,4-Dichlorobenzene  | 17.21 | 146  | 2030463  | 14.142 | ppbv   | 99     |

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

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