

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110520\  
 Data File : VL035888.D  
 Acq On : 6 Nov 2020 10:03  
 Operator : SY/AP  
 Sample : L4618-03DL 40X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-2DL

Quant Time: Nov 08 18:48:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 04 02:40:06 2020  
 QLast Update : Wed Nov 04 02:40:06 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 908633   | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.15  | 114  | 3304397  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.06 | 117  | 3103526  | 10.00 | ppbv  | -0.03    |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2174296  | 9.86     | ppbv | -0.03  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.60% |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------|------|------|----------|-------|-------|--------|
| 9) Propene       | 3.00 | 41   | 35214    | 0.884 | ppbv  | # 76   |
| 15) Acetone      | 3.84 | 43   | 527916   | 5.435 | ppbv  | 98     |
| 53) Toluene      | 9.78 | 91   | 220762   | 0.745 | ppbv  | 98     |

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

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