

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\  
 Data File : VL032624.D  
 Acq On : 12 Oct 2018 4:10  
 Operator : SY/AP  
 Sample : VIBLK  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VIBLK

Manual Integrations  
 APPROVED

MMDadoda  
 10/12/2018 2:07:48 PM

Quant Time: Oct 12 08:00:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Oct 08 2018  
 QLast Update : Mon Oct 01 06:49:26 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.78  | 49   | 1240965  | 10.00 | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene | 7.31  | 114  | 2799345  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.27 | 117  | 3011162  | 10.00 | ppbv  | -0.03    |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.61  | 95    | 2171463  | 9.56     | ppbv | -0.03  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 95.60% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|------|------|----------|-------|--------|--------|
| 13) Ethanol            | 3.67 | 45   | 44577m   | 3.312 | ppbv   |        |
| 15) Acetone            | 3.92 | 43   | 63049    | 0.579 | ppbv   | 99     |
| 20) Methylene Chloride | 4.43 | 84   | 102309   | 1.940 | ppbv   | 95     |
| 26) Hexane             | 5.80 | 57   | 102478   | 0.858 | ppbv # | 39     |

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

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