

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\  
 Data File : VL035991.D  
 Acq On : 19 Nov 2020 2:40  
 Operator : SY/AP  
 Sample : VIBLK  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VIBLK

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2020 12:28:24 PM

Quant Time: Nov 19 09:32:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 0  
 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   | 5.63  | 49   | 1035133  | 10.00 | ppbv  | -0.04    |
| 33) 1,4-Difluorobenzene | 7.13  | 114  | 3587098  | 10.00 | ppbv  | -0.05    |
| 55) Chlorobenzene-d5    | 12.04 | 117  | 3338834  | 10.00 | ppbv  | -0.05    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.37  | 95    | 2473416  | 10.43    | ppbv | -0.06   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 104.30% |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|------------------------|-------|------|----------|-------|-------|--------|
| 13) Ethanol            | 3.59  | 45   | 5014m    | 0.509 | ppbv  |        |
| 15) Acetone            | 3.84  | 43   | 32563m   | 0.294 | ppbv  |        |
| 20) Methylene Chloride | 4.30  | 84   | 63139    | 0.810 | ppbv  | 94     |
| 26) Hexane             | 5.65  | 57   | 20012m   | 0.166 | ppbv  |        |
| 52) Tetrachloroethene  | 11.18 | 164  | 132985   | 1.053 | ppbv  | 97     |

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

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