

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\  
 Data File : VL037237.D  
 Acq On : 23 Jun 2021 7:26  
 Operator : SY/AP  
 Sample : VIBLK  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VIBLK

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2021 4:34:13 PM

Quant Time: Jun 24 05:17:44 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 1  
 QLast Update : Wed Jun 16 14:06:32 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1466259  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 4261663  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 3579205  | 10.00 | ppbv  | -0.02    |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.40  | 95    | 2603543  | 9.60     | ppbv | -0.02  |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.00% |          |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------|------|------|----------|-------|-------|--------|
| 9) Propene             | 3.02 | 41   | 8732m    | 0.096 | ppbv  |        |
| 15) Acetone            | 3.86 | 43   | 52398m   | 0.317 | ppbv  |        |
| 20) Methylene Chloride | 4.34 | 84   | 57227m   | 0.578 | ppbv  |        |
| 26) Hexane             | 5.68 | 57   | 36434m   | 0.201 | ppbv  |        |
| 34) 2-Butanone         | 5.27 | 43   | 21458m   | 0.129 | ppbv  |        |

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

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