

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\  
 Data File : VU035675.D  
 Acq On : 07 Nov 2019 21:17  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK40

Quant Time: Nov 08 07:35:05 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 08 06:13:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 695032   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 669124   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 206110   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 266390   | 47.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.92%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 221236   | 49.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.70%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 314709   | 36.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.10%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 317621   | 96.86    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.86%  |
| 24) Chloroform-d               | 5.11    | 84    | 412538   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 262983   | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.04%  |
| 32) Benzene-d6                 | 5.77    | 84    | 893222   | 51.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.42% |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 290957   | 51.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.88% |
| 41) Toluene-d8                 | 7.93    | 98    | 819773   | 49.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.66%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 125350   | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.22%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 208736   | 96.29    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.29%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 381188   | 47.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 219204   | 52.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.46% |

| Target Compounds        |       |     |      |            | Ovalue |
|-------------------------|-------|-----|------|------------|--------|
| 65) 1,2-Dichlorobenzene | 12.24 | 146 | 9697 | 1.465 ug/L | # 83   |

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

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