

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011320\  
 Data File : VU036440.D  
 Acq On : 13 Jan 2020 16:55  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK

Quant Time: Jan 14 16:37:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 14 16:20:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 683309   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 650063   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 257800   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 131915   | 24.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 49.56%# |
| 7) Chloroethane-d5             | 1.93    | 69    | 130278   | 29.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 58.02%# |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 218190   | 24.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 48.10%# |
| 21) 2-Butanone-d5              | 4.67    | 46    | 277882   | 70.08    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 70.08%  |
| 24) Chloroform-d               | 5.11    | 84    | 314725   | 33.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 67.74%# |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 223731   | 36.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 72.62%  |
| 32) Benzene-d6                 | 5.77    | 84    | 645376   | 35.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.32%  |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 214933   | 35.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 70.82%  |
| 41) Toluene-d8                 | 7.93    | 98    | 595077   | 34.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 68.50%# |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 111571   | 33.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.76%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 210626   | 67.28    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 67.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 314081   | 34.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 68.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 194042   | 35.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 71.76%# |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 8206 | 1.995 ug/L | 90     |

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

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