

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\  
 Data File : VU032018.D  
 Acq On : 15 May 2019 09:53  
 Operator : JC/SP  
 Sample : VU0515WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK39

Quant Time: May 16 04:48:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM051419WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 16 04:24:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 976797   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 992191   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 394806   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 366418   | 42.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.50%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 314854   | 45.37    | ug/L | 0.02    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 506413   | 32.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.92%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 616888   | 102.78   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.78% |
| 24) Chloroform-d               | 4.64    | 84    | 659788   | 45.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.98%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 436347   | 48.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.58%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1368751  | 47.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 460073   | 48.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.08%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1184630  | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.06%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 192135   | 45.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.90%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 392903   | 102.23   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.23% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 671690   | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 421759   | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.54% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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