

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\  
 Data File : VU033334.D  
 Acq On : 19 Jul 2019 14:05  
 Operator : JC/SP  
 Sample : VU0719WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK56

Quant Time: Jul 19 23:20:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 19 22:54:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 261680   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 260549   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 116682   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 103743   | 52.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 104.74% |
| 7) Chloroethane-d5             | 1.67    | 69    | 94376    | 55.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 111.54% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 139081   | 38.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.42%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 147934   | 117.86   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 117.86% |
| 24) Chloroform-d               | 4.62    | 84    | 175738   | 52.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.88% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 116293   | 54.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.24% |
| 32) Benzene-d6                 | 5.32    | 84    | 348014   | 54.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.90% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 113380   | 55.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 110.74% |
| 41) Toluene-d8                 | 7.55    | 98    | 311696   | 51.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.42% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 52864    | 52.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 105.30% |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 102831   | 111.41   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.41% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 162537   | 52.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 104.90% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 115230   | 55.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.76% |

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

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

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