

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU071718\  
 Data File : VU025466.D  
 Acq On : 17 Jul 2018 19:23  
 Operator : MD/SY  
 Sample : VU0717WBL02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK44

Quant Time: Jul 18 06:47:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 18 06:47:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 336227   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 299362   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 138438   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 74720    | 47.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.24%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 66402    | 49.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.32%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 126471   | 36.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.66%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 172169   | 102.04   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.04% |
| 24) Chloroform-d               | 4.65    | 84    | 195421   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.02%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 137326   | 49.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.12%  |
| 32) Benzene-d6                 | 5.35    | 84    | 374776   | 51.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.62% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 125881   | 52.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.08% |
| 41) Toluene-d8                 | 7.57    | 98    | 354051   | 50.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.12% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 61149    | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.06%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 124255   | 100.04   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.04% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 175082   | 49.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.44%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 146190   | 52.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.40% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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