

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113018\  
 Data File : VU028414.D  
 Acq On : 30 Nov 2018 11:34  
 Operator : MD/SY  
 Sample : VU1130WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK46

Quant Time: Dec 03 10:54:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM113018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 30 23:11:27 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 464452   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 424952   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 176659   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 209114   | 50.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 100.64% |
| 7) Chloroethane-d5             | 1.67    | 69    | 163882   | 51.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.74% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 288430   | 39.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.06%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 341640   | 100.18   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.18% |
| 24) Chloroform-d               | 4.65    | 84    | 333269   | 49.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 228208   | 49.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.98%  |
| 32) Benzene-d6                 | 5.34    | 84    | 706855   | 53.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.86% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 252913   | 52.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.98% |
| 41) Toluene-d8                 | 7.57    | 98    | 609736   | 50.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.72% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 110876   | 51.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.88% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 238430   | 103.42   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.42% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 309240   | 50.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.36% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 192560   | 54.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.40% |

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

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

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