

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU122018\  
 Data File : VU028835.D  
 Acq On : 20 Dec 2018 19:31  
 Operator : MD/SY  
 Sample : VU1220WBL02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK60

Quant Time: Dec 21 06:09:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 21 05:57:29 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 217819   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 202527   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 83864    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 88676    | 50.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.56% |
| 7) Chloroethane-d5             | 1.67    | 69    | 68343    | 50.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.34% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 110575   | 37.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.30%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 129121   | 105.54   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.54% |
| 24) Chloroform-d               | 4.65    | 84    | 135976   | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 86920    | 51.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.70% |
| 32) Benzene-d6                 | 5.34    | 84    | 304641   | 53.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.48% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 104047   | 53.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.06% |
| 41) Toluene-d8                 | 7.56    | 98    | 272940   | 52.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.28% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 44843    | 51.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 102.98% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 102396   | 110.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 110.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 136061   | 50.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.92% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 90498    | 53.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.70% |

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

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

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