

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU040819\  
 Data File : VU030853.D  
 Acq On : 07 Apr 2019 13:45  
 Operator : JC/SP  
 Sample : K2283-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZ86

Quant Time: Apr 08 04:13:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Apr 08 03:35:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 253162   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 252914   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 103153   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 115753   | 5.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 119.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 97945    | 6.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 125.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 173223   | 4.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 87.40%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 327763   | 65.75    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 131.50%# |
| 24) Chloroform-d               | 4.64   | 84    | 162728   | 4.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%   |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 107114   | 6.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 123.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 374730   | 5.57     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 127743   | 5.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 114.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 310164   | 5.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 44608    | 5.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 107.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 218575   | 60.59    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 121.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 100582   | 6.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 125.80%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 105315   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.00%# |

| Target Compounds     |      |    |      |              | Qvalue |
|----------------------|------|----|------|--------------|--------|
| 13) Acetone          | 2.32 | 43 | 6426 | 1.667 ug/L   | 99     |
| 14) Carbon disulfide | 2.47 | 76 | 6919 | 0.107 ug/L # | 88     |

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

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