

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
 Data File : VU031313.D  
 Acq On : 18 Apr 2019 17:43  
 Operator : JC/SP  
 Sample : K2451-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAMZO

Quant Time: Apr 19 05:30:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Apr 19 04:38:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 194613   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 198145   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 74891    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 100306   | 4.57     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%   |
| 7) Chloroethane-d5             | 1.68   | 69    | 82524    | 4.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.40%   |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 148492   | 3.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.00%   |
| 20) 2-Butanone-d5              | 4.21   | 46    | 208232   | 49.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.30%   |
| 24) Chloroform-d               | 4.64   | 84    | 135554   | 4.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%   |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 74673    | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80%  |
| 32) Benzene-d6                 | 5.33   | 84    | 257100   | 4.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%   |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 83853    | 4.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%   |
| 41) Toluene-d8                 | 7.56   | 98    | 214048   | 4.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 29888    | 4.30     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 145333   | 45.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.46%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 88888    | 6.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 122.20%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 76785    | 5.26     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.20%  |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.34 | 43  | 18034 | 3.865 ug/L | 95     |
| 47) Tetrachloroethene | 8.22 | 164 | 51732 | 3.819 ug/L | 96     |

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

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