

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\  
 Data File : VU032909.D  
 Acq On : 20 Jun 2019 18:50  
 Operator : JC/SP  
 Sample : K3413-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GALF3

Quant Time: Jun 21 07:58:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 21 07:36:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 83216    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 84489    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43281    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 22319    | 4.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.40%   |
| 7) Chloroethane-d5             | 1.68   | 69    | 21043    | 4.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.00%   |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 38008    | 3.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.20%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 98927    | 65.52    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 131.04%# |
| 24) Chloroform-d               | 4.64   | 84    | 53916    | 5.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 32266    | 6.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 127.40%  |
| 32) Benzene-d6                 | 5.33   | 84    | 100396   | 4.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%   |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 33849    | 5.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.60%  |
| 41) Toluene-d8                 | 7.56   | 98    | 89064    | 4.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 13134    | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.00%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 73395    | 52.94    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 31791    | 5.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 116.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 40347    | 5.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.60%  |

| Target Compounds            |      |     |       |            | Ovalue |
|-----------------------------|------|-----|-------|------------|--------|
| 13) Acetone                 | 2.32 | 43  | 4511  | 3.849 ug/L | 97     |
| 17) Methyl tert-butyl Ether | 3.00 | 73  | 51815 | 3.351 ug/L | 96     |
| 47) Tetrachloroethene       | 8.22 | 164 | 5812  | 1.031 ug/L | 95     |

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

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