

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\  
 Data File : VU032872.D  
 Acq On : 19 Jun 2019 20:54  
 Operator : JC/SP  
 Sample : K3413-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GALF4

Quant Time: Jun 20 08:30:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 20 07:24:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 98690    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 95916    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 50124    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 28845    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 25113    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 48344    | 3.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.20%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 107783   | 60.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.38% |
| 24) Chloroform-d               | 4.64   | 84    | 63109    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.80% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 38479    | 6.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 128.20% |
| 32) Benzene-d6                 | 5.33   | 84    | 125506   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 39954    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.80% |
| 41) Toluene-d8                 | 7.56   | 98    | 112521   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.00% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15766    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.40% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 79474    | 50.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 34523    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 48257    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.00% |

## Target Compounds

|                             |      |     |       |            | Ovalue |
|-----------------------------|------|-----|-------|------------|--------|
| 13) Acetone                 | 2.32 | 43  | 4035  | 2.903 ug/L | 88     |
| 17) Methyl tert-butyl Ether | 3.00 | 73  | 20221 | 1.103 ug/L | 92     |
| 25) Chloroform              | 4.67 | 83  | 7463  | 0.603 ug/L | 89     |
| 42) Toluene                 | 7.63 | 91  | 16381 | 0.520 ug/L | 100    |
| 47) Tetrachloroethene       | 8.22 | 164 | 3445  | 0.538 ug/L | 92     |
| 53) m,p-Xylene              | 9.37 | 106 | 2980  | 0.226 ug/L | 96     |

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

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