

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\  
 Data File : VU032442.D  
 Acq On : 04 Jun 2019 21:13  
 Operator : JC/SP  
 Sample : K3081-16  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GALE4

Quant Time: Jun 05 00:07:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 04 22:54:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 94174    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 88787    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 45096    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 32391    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.80% |
| 7) Chloroethane-d5             | 1.67   | 69    | 27075    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 48592    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.20%  |
| 20) 2-Butanone-d5              | 4.18   | 46    | 96694    | 56.59    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.18% |
| 24) Chloroform-d               | 4.64   | 84    | 60178    | 5.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.60% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 33606    | 5.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 117.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 123475   | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.80% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 38568    | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 114892   | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.60% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15961    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 109.80% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 80594    | 55.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 32825    | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 114.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 47813    | 5.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 117.80% |

## Target Compounds

|                       |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 13) Acetone           | 2.32 | 43  | 8531   | 6.432 ug/L  | 99     |
| 34) Trichloroethene   | 6.18 | 95  | 271398 | 36.043 ug/L | 99     |
| 42) Toluene           | 7.64 | 91  | 9974   | 0.342 ug/L  | 100    |
| 47) Tetrachloroethene | 8.22 | 164 | 1807   | 0.305 ug/L  | 81     |

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

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