

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070419\  
 Data File : VU033175.D  
 Acq On : 03 Jul 2019 16:29  
 Operator : JC/SP  
 Sample : K3598-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM82

Quant Time: Jul 04 02:15:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 04 01:20:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 77387    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 82658    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 37358    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 21440    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 20458    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 36823    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.80%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 87042    | 53.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.74% |
| 24) Chloroform-d               | 4.64   | 84    | 51942    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 31052    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 92611    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 31904    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.56   | 98    | 79743    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 11803    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 51109    | 43.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 27890    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 34086    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.40% |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.32 | 43 | 18386 | 14.024 ug/L | 97     |
| 21) 2-Butanone   | 4.28 | 43 | 10907 | 5.752 ug/L  | 95     |

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

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