

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\  
 Data File : VU033095.D  
 Acq On : 29 Jun 2019 01:09  
 Operator : JC/SP  
 Sample : K3597-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM76

Quant Time: Jun 29 03:34:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 29 03:29:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 84661    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 87565    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 42392    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 37428    | 6.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 132.80%# |
| 7) Chloroethane-d5             | 1.68   | 69    | 28917    | 6.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 125.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 56414    | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 92.20%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 108532   | 63.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 126.88%  |
| 24) Chloroform-d               | 4.64   | 84    | 64295    | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 38196    | 5.71     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.20%  |
| 32) Benzene-d6                 | 5.33   | 84    | 123535   | 5.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 114.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 39018    | 5.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.60%  |
| 41) Toluene-d8                 | 7.56   | 98    | 107144   | 5.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15688    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 106.40%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 78977    | 64.43    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 128.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 34796    | 5.71     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 114.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 47068    | 5.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 117.40%  |

| Target Compounds      |      |     |         |              | Ovalue |
|-----------------------|------|-----|---------|--------------|--------|
| 13) Acetone           | 2.32 | 43  | 82126   | 56.965 ug/L  | 97     |
| 21) 2-Butanone        | 4.28 | 43  | 12524   | 6.171 ug/L   | 93     |
| 34) Trichloroethene   | 6.18 | 95  | 6788    | 0.960 ug/L   | 92     |
| 47) Tetrachloroethene | 8.23 | 164 | 5572916 | 979.912 ug/L | 94     |

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

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