

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\  
 Data File : VU033092.D  
 Acq On : 28 Jun 2019 23:57  
 Operator : JC/SP  
 Sample : K3597-16  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM73

Quant Time: Jun 29 01:57:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 29 00:59:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 81679    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 87031    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 40083    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 35887    | 6.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 132.00%# |
| 7) Chloroethane-d5             | 1.68   | 69    | 27801    | 6.26     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 125.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 54425    | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 92.20%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 101664   | 61.60    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.20%  |
| 24) Chloroform-d               | 4.64   | 84    | 63197    | 5.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 37041    | 5.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.80%  |
| 32) Benzene-d6                 | 5.33   | 84    | 116649   | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 38515    | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 101469   | 4.89     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15091    | 5.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 102.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 65492    | 53.76    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 32934    | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 42574    | 5.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.20%  |

| Target Compounds      |      |     |       |              | Ovalue |
|-----------------------|------|-----|-------|--------------|--------|
| 13) Acetone           | 2.32 | 43  | 12306 | 8.847 ug/L   | 95     |
| 21) 2-Butanone        | 4.28 | 43  | 5685  | 2.904 ug/L # | 74     |
| 47) Tetrachloroethene | 8.22 | 164 | 4766  | 0.843 ug/L   | 96     |

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

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