

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\  
 Data File : VU033086.D  
 Acq On : 28 Jun 2019 21:32  
 Operator : JC/SP  
 Sample : K3597-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM67

Quant Time: Jun 29 01:38:51 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  | 87506    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 86907    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 42884    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 37420    | 6.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 128.40% |
| 7) Chloroethane-d5             | 1.68   | 69    | 28572    | 6.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 120.00% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 56347    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 89.20%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 93442    | 52.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.68% |
| 24) Chloroform-d               | 4.64   | 84    | 64334    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 37453    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 123201   | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 114.40% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 38962    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 106684   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 14881    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.60% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 60457    | 49.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 31903    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 45000    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.00% |

| Target Compounds      |      |     |       |        | Ovalue   |
|-----------------------|------|-----|-------|--------|----------|
| 13) Acetone           | 2.32 | 43  | 73989 | 49.653 | ug/L 100 |
| 21) 2-Butanone        | 4.28 | 43  | 9351  | 4.458  | ug/L 95  |
| 25) Chloroform        | 4.67 | 83  | 12339 | 0.969  | ug/L 100 |
| 47) Tetrachloroethene | 8.22 | 164 | 1390  | 0.246  | ug/L 84  |

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

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