

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\  
 Data File : VU034970.D  
 Acq On : 07 Oct 2019 19:26  
 Operator : JC/SP  
 Sample : K5219-11  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-8-001-01

Quant Time: Oct 09 05:14:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 09 03:56:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.87  | 114  | 186212   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 185807   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 80435    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 50275    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 48596    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 74213    | 3.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.00%  |
| 20) 2-Butanone-d5              | 4.18   | 46    | 176621   | 54.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.98% |
| 24) Chloroform-d               | 4.62   | 84    | 80729    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 60638    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.32   | 84    | 212490   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 72973    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.54   | 98    | 189595   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 21934    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 136053   | 54.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 62837    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 71629    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.60% |

## Target Compounds

|                            |      |     |       |            | Ovalue |
|----------------------------|------|-----|-------|------------|--------|
| 13) Acetone                | 2.32 | 43  | 6512  | 2.453 ug/L | 96     |
| 22) cis-1,2-Dichloroethene | 4.20 | 96  | 9653  | 0.676 ug/L | 99     |
| 25) Chloroform             | 4.65 | 83  | 28806 | 1.007 ug/L | 95     |
| 34) Trichloroethene        | 6.17 | 95  | 7396  | 0.512 ug/L | 95     |
| 47) Tetrachloroethene      | 8.21 | 164 | 39097 | 3.346 ug/L | 96     |

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

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