

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\  
 Data File : VU035086.D  
 Acq On : 11 Oct 2019 13:35  
 Operator : JC/SP  
 Sample : K5310-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-15-001-01

Quant Time: Oct 12 02:29:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 12 01:49:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 162804   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 169684   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 62837    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 55719    | 5.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 115.80% |
| 7) Chloroethane-d5             | 1.68   | 69    | 52085    | 5.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.00% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 82308    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.20%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 149570   | 52.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.56% |
| 24) Chloroform-d               | 4.62   | 84    | 93303    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 56873    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 32) Benzene-d6                 | 5.32   | 84    | 204948   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 70311    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.80% |
| 41) Toluene-d8                 | 7.55   | 98    | 177761   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 21040    | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 104243   | 45.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 58702    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 60119    | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 113.40% |

## Target Compounds

|                              |      |     |        |             | Ovalue |
|------------------------------|------|-----|--------|-------------|--------|
| 13) Acetone                  | 2.31 | 43  | 4748   | 2.046 ug/L  | 86     |
| 18) trans-1,2-Dichloroethene | 2.96 | 96  | 1801   | 0.161 ug/L  | 87     |
| 22) cis-1,2-Dichloroethene   | 4.20 | 96  | 191867 | 15.361 ug/L | 93     |
| 25) Chloroform               | 4.65 | 83  | 16683  | 0.667 ug/L  | 93     |
| 34) Trichloroethene          | 6.16 | 95  | 44362  | 3.365 ug/L  | 97     |
| 42) Toluene                  | 7.62 | 91  | 6502   | 0.122 ug/L  | 87     |
| 47) Tetrachloroethene        | 8.21 | 164 | 434919 | 40.761 ug/L | 98     |

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

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