

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\  
 Data File : VU035128.D  
 Acq On : 12 Oct 2019 07:44  
 Operator : JC/SP  
 Sample : K5309-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RD-4-001-01

Quant Time: Oct 14 02:17:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 14 01:16:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 166585   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 175465   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 66104    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 51509    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 49034    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.60% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 75823    | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.00%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 147805   | 50.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.94% |
| 24) Chloroform-d               | 4.63   | 84    | 102373   | 5.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.20% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 56458    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.32   | 84    | 192218   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 69264    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.55   | 98    | 167211   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 19529    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.00%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 103953   | 44.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.30%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 57618    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 58420    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.80% |

## Target Compounds

|                            |      |    |      |              | Ovalue |
|----------------------------|------|----|------|--------------|--------|
| 13) Acetone                | 2.31 | 43 | 7762 | 3.268 ug/L   | 98     |
| 14) Carbon disulfide       | 2.47 | 76 | 4450 | 0.125 ug/L # | 92     |
| 22) cis-1,2-Dichloroethene | 4.20 | 96 | 5119 | 0.401 ug/L   | 95     |
| 42) Toluene                | 7.62 | 91 | 6781 | 0.123 ug/L   | 94     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\  
Data File : VU035128.D  
Acq On : 12 Oct 2019 07:44  
Operator : JC/SP  
Sample : K5309-15  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RD-4-001-01

Quant Time: Oct 14 02:17:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Oct 14 01:16:14 2019  
Response via : Initial Calibration

