

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\  
 Data File : VU035124.D  
 Acq On : 12 Oct 2019 06:06  
 Operator : JC/SP  
 Sample : K5309-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RD-1-001-01

Quant Time: Oct 14 02:03:49 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  | 168095   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 175590   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 70780    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 52297    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.20% |
| 7) Chloroethane-d5             | 1.67   | 69    | 48515    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.60% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 76493    | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.00%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 157786   | 53.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.84% |
| 24) Chloroform-d               | 4.63   | 84    | 96036    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 58632    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.40% |
| 32) Benzene-d6                 | 5.32   | 84    | 192033   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 68152    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.55   | 98    | 165980   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 19903    | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.40%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 111608   | 47.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 57700    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 59892    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.40% |

| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 3) Chloromethane    | 1.32 | 50 | 5333  | 0.316 ug/L | 96     |
| 13) Acetone         | 2.32 | 43 | 11035 | 4.605 ug/L | 97     |
| 34) Trichloroethene | 6.17 | 95 | 1923  | 0.141 ug/L | 93     |
| 42) Toluene         | 7.62 | 91 | 9944  | 0.180 ug/L | 99     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\  
Data File : VU035124.D  
Acq On : 12 Oct 2019 06:06  
Operator : JC/SP  
Sample : K5309-10  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RD-1-001-01

Quant Time: Oct 14 02:03:49 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

