

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\  
 Data File : VU035957.D  
 Acq On : 03 Dec 2019 19:09  
 Operator : JC/SP  
 Sample : K6105-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFE26

Quant Time: Dec 04 05:33:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 04 03:35:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 328794   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 353133   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 117689   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 166068   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 134730   | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 188346   | 3.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.00%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 364931   | 54.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.96% |
| 24) Chloroform-d               | 5.11   | 84    | 230225   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 130721   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.77   | 84    | 457589   | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 153474   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 380151   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.00%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 56147    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 270883   | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.70% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 132527   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 118384   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.40%  |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|------|------|----------|--------|--------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.60 | 101  | 4390     | 0.174  | ug/L # | 79     |
| 12) 1,1-Dichloroethene         | 2.61 | 96   | 20756    | 0.881  | ug/L # | 1      |
| 13) Acetone                    | 2.68 | 43   | 6084     | 1.014  | ug/L   | 68     |
| 17) Methyl tert-butyl Ether    | 3.42 | 73   | 12339    | 0.224  | ug/L # | 89     |
| 19) 1,1-Dichloroethane         | 3.92 | 63   | 10562    | 0.217  | ug/L   | 95     |
| 22) cis-1,2-Dichloroethene     | 4.72 | 96   | 99214    | 3.764  | ug/L   | 95     |
| 25) Chloroform                 | 5.14 | 83   | 47389    | 0.963  | ug/L   | 97     |
| 29) 1,1,1-Trichloroethane      | 5.37 | 97   | 7255     | 0.170  | ug/L # | 77     |
| 31) Carbon tetrachloride       | 5.57 | 117  | 36957    | 0.976  | ug/L   | 98     |
| 34) Trichloroethene            | 6.58 | 95   | 597263   | 21.268 | ug/L   | 99     |
| 47) Tetrachloroethene          | 8.58 | 164  | 125459   | 5.497  | ug/L   | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120319\  
Data File : VU035957.D  
Acq On : 03 Dec 2019 19:09  
Operator : JC/SP  
Sample : K6105-06  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFE26

Quant Time: Dec 04 05:33:03 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Dec 04 03:35:54 2019  
Response via : Initial Calibration

