

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\  
 Data File : VU032781.D  
 Acq On : 17 Jun 2019 14:46  
 Operator : JC/SP  
 Sample : K3383-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XK6

Quant Time: Jun 18 03:42:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 18 02:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 222974   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 214277   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 104535   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 74772    | 49.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.14%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 60672    | 49.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 114300   | 37.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.46%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 129361   | 101.99   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.99% |
| 24) Chloroform-d               | 4.64    | 84    | 144110   | 48.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 100485   | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.84% |
| 32) Benzene-d6                 | 5.33    | 84    | 285935   | 51.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.38% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 93205    | 52.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.76% |
| 41) Toluene-d8                 | 7.56    | 98    | 265739   | 50.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.60% |
| 43) trans-1,3-Dichloropropene- | 7.84    | 79    | 46126    | 49.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.66%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 84444    | 101.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.63% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 131019   | 47.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.26%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 105720   | 52.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.52% |

## Target Compounds

|                            |      |     |       |             | Ovalue |
|----------------------------|------|-----|-------|-------------|--------|
| 9) Trichlorofluoromethane  | 1.88 | 101 | 27816 | 9.792 ug/L  | 99     |
| 20) cis-1,2-Dichloroethene | 4.21 | 96  | 2869  | 1.730 ug/L  | 91     |
| 34) Trichloroethene        | 6.18 | 95  | 94574 | 57.343 ug/L | 99     |
| 46) Tetrachloroethene      | 8.22 | 164 | 35113 | 25.982 ug/L | 97     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\  
Data File : VU032781.D  
Acq On : 17 Jun 2019 14:46  
Operator : JC/SP  
Sample : K3383-07  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0XK6

Quant Time: Jun 18 03:42:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 18 02:39:23 2019  
Response via : Initial Calibration

