

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\  
 Data File : VU031760.D  
 Acq On : 03 May 2019 19:10  
 Operator : JC/SP  
 Sample : K2695-09 400X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XH3

Quant Time: May 04 07:04:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 04 02:35:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 792885   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 759413   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 286887   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 327246   | 49.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.62%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 254024   | 49.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.08%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 477299   | 36.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.24%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 644969   | 107.27   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.27% |
| 24) Chloroform-d               | 4.64    | 84    | 542857   | 44.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.34%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 373751   | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.14%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1115918  | 47.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 395744   | 48.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.48%  |
| 41) Toluene-d8                 | 7.56    | 98    | 925970   | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.18%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 155297   | 44.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.20%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 378311   | 106.53   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.53% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 506250   | 45.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 285680   | 47.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.70%  |

| Target Compounds      |      |     |       |              | Ovalue |
|-----------------------|------|-----|-------|--------------|--------|
| 34) Trichloroethene   | 6.19 | 95  | 67752 | 10.011 ug/L  | 89     |
| 46) Tetrachloroethene | 8.22 | 164 | 3245  | 0.703 ug/L # | 70     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\  
Data File : VU031760.D  
Acq On : 03 May 2019 19:10  
Operator : JC/SP  
Sample : K2695-09 400X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0XH3

Quant Time: May 04 07:04:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat May 04 02:35:16 2019  
Response via : Initial Calibration

