

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030519\  
 Data File : VU029814.D  
 Acq On : 05 Mar 2019 11:23  
 Operator : JC/SP  
 Sample : K1661-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 06 01:09:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 06 00:41:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 492680   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 471811   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 228744   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 155825   | 43.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.32%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 131736   | 41.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.10%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 221188   | 31.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.68%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 227674   | 103.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 103.63% |
| 24) Chloroform-d               | 4.64    | 84    | 280750   | 47.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 176039   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.96%  |
| 32) Benzene-d6                 | 5.34    | 84    | 621135   | 52.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.64% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 190615   | 53.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.74% |
| 41) Toluene-d8                 | 7.56    | 98    | 569979   | 47.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.08%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 87566    | 46.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.44%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 197097   | 99.09    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.09%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 281985   | 46.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.44%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 231290   | 46.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.84%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030519\  
Data File : VU029814.D  
Acq On : 05 Mar 2019 11:23  
Operator : JC/SP  
Sample : K1661-08  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Quant Time: Mar 06 01:09:18 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 06 00:41:37 2019  
Response via : Initial Calibration

