

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\  
 Data File : VU029862.D  
 Acq On : 07 Mar 2019 19:02  
 Operator : JC/SP  
 Sample : K1734-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF1E1

Quant Time: Mar 08 07:41:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 08 04:31:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 477646   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 462474   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 217500   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 131964   | 37.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.40%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 117305   | 37.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 75.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 187983   | 27.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.96%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 213357   | 100.17   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.17% |
| 24) Chloroform-d               | 4.64    | 84    | 265204   | 46.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 163316   | 45.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.88%  |
| 32) Benzene-d6                 | 5.34    | 84    | 553348   | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 175138   | 50.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.04% |
| 41) Toluene-d8                 | 7.56    | 98    | 502328   | 42.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 78179    | 42.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.20%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 180049   | 92.35    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.35%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 269847   | 45.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 213849   | 45.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.24%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 8291 | 3.643 ug/L | 89     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\  
Data File : VU029862.D  
Acq On : 07 Mar 2019 19:02  
Operator : JC/SP  
Sample : K1734-05  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF1E1

Quant Time: Mar 08 07:41:21 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 08 04:31:20 2019  
Response via : Initial Calibration

