

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031519\  
 Data File : VU030026.D  
 Acq On : 13 Mar 2019 13:14  
 Operator : JC/SP  
 Sample : K1838-11  
 Misc : 5.50g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF0S7

Quant Time: Mar 14 02:57:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 01:36:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 535732   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 550066   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 297284   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 135895   | 38.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.70%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 64842    | 22.67    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 45.34%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 188031   | 29.40    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.80%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 231185   | 87.08    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.08%  |
| 24) Chloroform-d               | 4.64    | 84    | 254559   | 40.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 154331   | 42.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.06%  |
| 32) Benzene-d6                 | 5.33    | 84    | 561368   | 39.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 171149   | 39.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 78.98%  |
| 41) Toluene-d8                 | 7.56    | 98    | 513989   | 38.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 77.54%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 80946    | 38.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.12%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 224821   | 92.72    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 306039   | 45.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.92%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 244820   | 42.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.02%  |

| Target Compounds      |      |     |        |              | Qvalue |
|-----------------------|------|-----|--------|--------------|--------|
| 3) Chloromethane      | 1.32 | 50  | 4845   | 1.297 ug/L   | 100    |
| 46) Tetrachloroethene | 8.22 | 164 | 457319 | 126.673 ug/L | 99     |

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

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