

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031519\  
 Data File : VU030052.D  
 Acq On : 14 Mar 2019 00:00  
 Operator : JC/SP  
 Sample : K1885-11  
 Misc : 5.54g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF195

Quant Time: Mar 14 04:54:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 03:50:43 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 507483   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 520442   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 278529   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 109052   | 32.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.98%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 54176    | 19.99    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 39.98%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 158003   | 26.08    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 52.16%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 229698   | 91.33    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.33%  |
| 24) Chloroform-d               | 4.64    | 84    | 235976   | 39.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 146257   | 42.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.08%  |
| 32) Benzene-d6                 | 5.33    | 84    | 499776   | 37.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 74.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 163473   | 39.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 79.74%  |
| 41) Toluene-d8                 | 7.56    | 98    | 455763   | 36.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 72.66%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 71411    | 35.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.90%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 218557   | 95.26    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 294598   | 46.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.52%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 225140   | 41.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.46%  |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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