

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\  
 Data File : VU030204.D  
 Acq On : 19 Mar 2019 19:26  
 Operator : JC/SP  
 Sample : K1986-06ME  
 Misc : 6.02g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFOB3ME

Quant Time: Mar 20 04:24:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 20 02:58:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 639564   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 647022   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 338957   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 147697   | 34.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.30%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 63649    | 18.41    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 36.82%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 199031   | 25.23    | ug/L | -0.05   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 50.46%# |
| 21) 2-Butanone-d5              | 4.19    | 46    | 212428   | 66.21    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 66.21%  |
| 24) Chloroform-d               | 4.64    | 84    | 257964   | 32.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 65.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 155994   | 34.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 68.92%# |
| 32) Benzene-d6                 | 5.33    | 84    | 572436   | 33.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 67.14%# |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 176052   | 33.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 66.74%# |
| 41) Toluene-d8                 | 7.56    | 98    | 523368   | 32.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 65.30%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 80532    | 31.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.70%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 196770   | 71.92    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 71.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 287700   | 35.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 71.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 233423   | 34.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 68.60%# |

| Target Compounds           |      |    |      |            | Ovalue |
|----------------------------|------|----|------|------------|--------|
| 20) cis-1,2-Dichloroethene | 4.21 | 96 | 6263 | 1.271 ug/L | 85     |
| 34) Trichloroethene        | 6.18 | 95 | 5512 | 1.120 ug/L | 95     |

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

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