

Data Path : W:\HPCHEM1\MSVOA\_U\DATA\VU050618\  
 Data File : VU023683.D  
 Acq On : 06 May 2018 11:26  
 Operator : MD/SY  
 Sample : VU0506MBL01  
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 07 00:51:26 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_U\METHOD\SOMULM050118WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 07 00:51:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 314771   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 307845   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 142540   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 106819   | 47.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.76%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 85619    | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.70% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 158366   | 36.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.82%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 173000   | 112.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.24% |
| 24) Chloroform-d               | 4.65    | 84    | 192113   | 52.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.14% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 130241   | 50.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.52% |
| 32) Benzene-d6                 | 5.35    | 84    | 401997   | 48.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.34%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 136492   | 49.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.68%  |
| 41) Toluene-d8                 | 7.57    | 98    | 357687   | 46.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.94%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 55505    | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.20%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 114821   | 109.29   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 109.29% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 177996   | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 145940   | 52.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.96% |

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

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

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