

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\  
 Data File : VU026706.D  
 Acq On : 12 Sep 2018 16:55  
 Operator : MD/SY  
 Sample : J4860-03  
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 13 05:47:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 13 03:38:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 201998   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 188607   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 81883    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 55361    | 36.78    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 73.56%   |
| 7) Chloroethane-d5             | 1.68    | 69    | 54230    | 44.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.42%   |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 82740    | 30.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.42%   |
| 21) 2-Butanone-d5              | 4.18    | 46    | 122025   | 130.26   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 130.26%# |
| 24) Chloroform-d               | 4.65    | 84    | 125237   | 50.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.08%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 87500    | 53.41    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.82%  |
| 32) Benzene-d6                 | 5.34    | 84    | 250596   | 51.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.68%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 90651    | 55.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 110.68%  |
| 41) Toluene-d8                 | 7.57    | 98    | 220652   | 48.17    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.34%   |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 39877    | 52.36    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 104.72%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 89528    | 133.95   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 133.95%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 126899   | 56.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 113.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 87694    | 53.72    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.44%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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