

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
 Data File : VU026887.D  
 Acq On : 19 Sep 2018 00:56  
 Operator : MD/SY  
 Sample : J4865-17ME  
 Misc : 5.22g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB3P5ME

Quant Time: Sep 19 08:19:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 19 07:38:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 238659   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 236014   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 114058   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 53703    | 30.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 60.84%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 32115    | 21.25    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 42.50%# |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 81222    | 24.31    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 48.62%# |
| 21) 2-Butanone-d5              | 4.20    | 46    | 119183   | 101.73   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.73% |
| 24) Chloroform-d               | 4.64    | 84    | 126931   | 38.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 85534    | 41.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.96%  |
| 32) Benzene-d6                 | 5.33    | 84    | 246939   | 37.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 74.66%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 86229    | 40.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.92%  |
| 41) Toluene-d8                 | 7.57    | 98    | 203138   | 33.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 67.98%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 34469    | 36.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.46%  |
| 47) 2-Hexanone-d5              | 8.33    | 63    | 89836    | 107.26   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.26% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 141210   | 47.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 102560   | 43.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.44%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.34 | 43 | 8464 | 7.350 ug/L | 90     |

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

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