

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\  
 Data File : VU026118.D  
 Acq On : 14 Aug 2018 22:46  
 Operator : MD/SY  
 Sample : J4402-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4ZH5

Quant Time: Aug 16 01:56:15 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 16 01:50:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 241450   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 228348   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 93637    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 63462    | 35.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.92%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 58433    | 41.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.52%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 97920    | 29.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.40%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 141017   | 95.87    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.87%  |
| 24) Chloroform-d               | 4.65    | 84    | 169392   | 45.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 115289   | 45.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 32) Benzene-d6                 | 5.35    | 84    | 310625   | 43.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 106037   | 46.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.44%  |
| 41) Toluene-d8                 | 7.57    | 98    | 268117   | 39.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.04%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 48575    | 42.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.04%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 92163    | 88.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 156660   | 46.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 112596   | 48.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.56%  |

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

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

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