

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\  
 Data File : VU026125.D  
 Acq On : 15 Aug 2018 01:35  
 Operator : MD/SY  
 Sample : J4422-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB7

Quant Time: Aug 16 02:15:32 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  | 240694   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 229745   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 93633    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 58762    | 33.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.80%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 55147    | 39.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.08%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 93991    | 28.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.22%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 129036   | 88.00    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.00%  |
| 24) Chloroform-d               | 4.65    | 84    | 164824   | 44.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.36%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 113091   | 44.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.74%  |
| 32) Benzene-d6                 | 5.35    | 84    | 297571   | 41.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 102109   | 44.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.46%  |
| 41) Toluene-d8                 | 7.57    | 98    | 259389   | 38.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.00%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 46472    | 39.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.92%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 85291    | 81.35    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.35%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 152128   | 45.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 105068   | 45.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.04%  |

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

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

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