

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\  
 Data File : VU025839.D  
 Acq On : 03 Aug 2018 23:28  
 Operator : MD/SY  
 Sample : J4340-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5F79

Quant Time: Aug 04 01:02:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 03 23:51:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 215044   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 201209   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 89763    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 77624    | 63.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 126.46%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 65394    | 64.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 129.16%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 124221   | 48.60    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.20%   |
| 21) 2-Butanone-d5              | 4.18    | 46    | 141947   | 149.77   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 149.77%# |
| 24) Chloroform-d               | 4.65    | 84    | 180841   | 66.13    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 132.26%# |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 125256   | 69.26    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 138.52%# |
| 32) Benzene-d6                 | 5.35    | 84    | 344930   | 66.84    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 133.68%# |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 114264   | 68.72    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 137.44%# |
| 41) Toluene-d8                 | 7.57    | 98    | 312025   | 63.05    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 126.10%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 52360    | 61.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 123.30%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 99625    | 143.09   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 143.09%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 151681   | 65.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 130.44%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 115824   | 63.67    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 127.34%# |

| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.32 | 43 | 5776 | 5.19 ug/L | 97     |

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

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