

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\  
 Data File : VU026566.D  
 Acq On : 06 Sep 2018 00:45  
 Operator : MD/SY  
 Sample : J4718-11  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEGC7

Quant Time: Sep 06 08:03:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 06 05:59:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 160655   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 151350   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 64783    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 41581    | 41.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.54%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 39333    | 43.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 63217    | 28.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.40%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 77439    | 100.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.24% |
| 24) Chloroform-d               | 4.65    | 84    | 85758    | 45.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 57081    | 45.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.22%  |
| 32) Benzene-d6                 | 5.34    | 84    | 162429   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 57988    | 48.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.78%  |
| 41) Toluene-d8                 | 7.57    | 98    | 142408   | 42.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.58%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 23864    | 43.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.22%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 53147    | 96.70    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.70%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 81656    | 46.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 58046    | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.78%  |

| Target Compounds      |      |     |      |           | Ovalue |
|-----------------------|------|-----|------|-----------|--------|
| 13) Acetone           | 2.32 | 43  | 1926 | 2.88 ug/L | 95     |
| 46) Tetrachloroethene | 8.23 | 164 | 1287 | 1.45 ug/L | 92     |

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

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