

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\  
 Data File : VU025567.D  
 Acq On : 21 Jul 2018 01:05  
 Operator : MD/SY  
 Sample : J4097-20  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB7

Quant Time: Jul 21 03:47:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 21 02:53:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 318796   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 289059   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 132644   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 80273    | 44.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.22% |
| 7) Chloroethane-d5             | 1.69    | 69    | 67727    | 45.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.22% |
| 11) 1,1-Dichloroethene-d2      | 2.28    | 63    | 130307   | 34.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.78% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 134220   | 95.53    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.53% |
| 24) Chloroform-d               | 4.65    | 84    | 183798   | 45.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.68% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 126047   | 47.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.02% |
| 32) Benzene-d6                 | 5.35    | 84    | 358380   | 48.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.68% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 116432   | 48.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.48% |
| 41) Toluene-d8                 | 7.57    | 98    | 333665   | 46.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.86% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 53582    | 43.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.82% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 95990    | 95.97    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.97% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 154547   | 46.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.52% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 133232   | 49.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.12% |

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

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

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