

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\  
 Data File : VU025520.D  
 Acq On : 19 Jul 2018 14:33  
 Operator : MD/SY  
 Sample : J4024-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 20 03:00:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 20 02:44:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 306590   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 271266   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 127350   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 48944    | 33.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 67.70%  |
| 7) Chloroethane-d5             | 1.69    | 69    | 47206    | 38.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.28    | 63    | 84100    | 26.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 52.98%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 121662   | 79.08    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 79.08%  |
| 24) Chloroform-d               | 4.65    | 84    | 148622   | 39.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 102523   | 40.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.34%  |
| 32) Benzene-d6                 | 5.35    | 84    | 262544   | 40.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 93213    | 42.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.88%  |
| 41) Toluene-d8                 | 7.57    | 98    | 234609   | 36.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 73.94%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 43334    | 38.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.70%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 86022    | 76.43    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.43%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 135480   | 42.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.06%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 104158   | 40.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.62%  |

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

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

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