

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\  
 Data File : VU026800.D  
 Acq On : 16 Sep 2018 01:12  
 Operator : MD/SY  
 Sample : J4918-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0KX7

Quant Time: Sep 17 07:39:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR091618WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 17 07:09:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 120323   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 99212    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 40379    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 46882    | 5.42     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 108.40%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 38801    | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 65109    | 3.89     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.80%   |
| 20) 2-Butanone-d5              | 4.22   | 46    | 106603   | 52.85    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.70%  |
| 24) Chloroform-d               | 4.65   | 84    | 78623    | 5.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 42149    | 5.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.80%  |
| 32) Benzene-d6                 | 5.34   | 84    | 163300   | 5.88     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 117.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 51573    | 5.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.60%  |
| 41) Toluene-d8                 | 7.57   | 98    | 130840   | 5.09     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15185    | 4.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.80%   |
| 46) 2-Hexanone-d5              | 8.33   | 63    | 66556    | 50.94    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 37703    | 5.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 45539    | 6.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 121.60%# |

## Target Compounds

|                            |      |    |        |       | Ovalue  |
|----------------------------|------|----|--------|-------|---------|
| 13) Acetone                | 2.35 | 43 | 3222   | 1.80  | ug/L 95 |
| 22) cis-1,2-Dichloroethene | 4.22 | 96 | 5480   | 0.51  | ug/L 89 |
| 29) 1,1,1-Trichloroethane  | 4.91 | 97 | 2859   | 0.20  | ug/L 93 |
| 34) Trichloroethene        | 6.18 | 95 | 109382 | 11.56 | ug/L 99 |

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

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