

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\  
 Data File : VU026780.D  
 Acq On : 15 Sep 2018 16:15  
 Operator : MD/SY  
 Sample : J4918-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0KY8

Quant Time: Sep 17 05:46:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR091618WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 17 05:13:11 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 131672   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 112234   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 47778    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 42898    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 35404    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 58495    | 3.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.00%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 96522    | 43.73    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.46%  |
| 24) Chloroform-d               | 4.65   | 84    | 68970    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 39072    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 32) Benzene-d6                 | 5.34   | 84    | 151163   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 48433    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.57   | 98    | 119066   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 14845    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40%  |
| 46) 2-Hexanone-d5              | 8.32   | 63    | 61926    | 41.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 35094    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 46008    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.80% |

| Target Compounds |      |     |       |      |      | Ovalue |
|------------------|------|-----|-------|------|------|--------|
| 13) Acetone      | 2.32 | 43  | 11751 | 5.99 | ug/L | 98     |
| 42) Toluene      | 7.64 | 91  | 7568  | 0.18 | ug/L | 97     |
| 55) Styrene      | 9.80 | 104 | 4341  | 0.16 | ug/L | 96     |

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

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