

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
 Data File : VU031348.D  
 Acq On : 19 Apr 2019 09:43  
 Operator : JC/SP  
 Sample : K2428-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0X27

Quant Time: Apr 20 05:49:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 20 05:39:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 184556   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 189859   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 69358    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 90767    | 4.36     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.20%   |
| 7) Chloroethane-d5             | 1.68   | 69    | 76157    | 4.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.00%   |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 134609   | 3.30     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.00%   |
| 20) 2-Butanone-d5              | 4.20   | 46    | 263735   | 66.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 132.62%# |
| 24) Chloroform-d               | 4.64   | 84    | 139499   | 5.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 69985    | 4.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%   |
| 32) Benzene-d6                 | 5.34   | 84    | 232962   | 4.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%   |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 78813    | 4.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.80%   |
| 41) Toluene-d8                 | 7.56   | 98    | 197286   | 4.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%   |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 26318    | 3.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.00%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 138819   | 45.08    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.16%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 86781    | 6.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 124.40%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 69738    | 5.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20%  |

## Target Compounds

| Target Compounds          | R.T. | QIon | Response | Conc  | Units | Ovalue |
|---------------------------|------|------|----------|-------|-------|--------|
| 9) Trichlorofluoromethane | 1.88 | 101  | 140013   | 3.804 | ug/L  | 100    |
| 13) Acetone               | 2.34 | 43   | 13185    | 2.979 | ug/L  | 69     |
| 34) Trichloroethene       | 6.18 | 95   | 27269    | 1.565 | ug/L  | 92     |
| 47) Tetrachloroethene     | 8.22 | 164  | 99298    | 7.651 | ug/L  | 98     |

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

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