

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR082418\  
 Data File : VR025633.D  
 Acq On : 24 Aug 2018 14:10  
 Operator : SY/MD  
 Sample : J4601-01  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0SX6

Quant Time: Aug 25 00:00:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR082118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 24 23:05:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 446213   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 365069   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 109550   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 146487   | 5.04     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.80%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 127634   | 5.09     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.80%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 241579   | 3.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.40%   |
| 20) 2-Butanone-d5              | 6.59   | 46    | 136128   | 61.51    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.02%  |
| 24) Chloroform-d               | 7.20   | 84    | 237866   | 4.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%   |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 82095    | 4.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%   |
| 32) Benzene-d6                 | 7.86   | 84    | 567448   | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 156963   | 5.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 506198   | 4.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80%   |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 30785    | 4.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.80%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 131843   | 56.12    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 60622    | 4.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 106828   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.00%# |

| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 3.70 | 43 | 6367 | 4.618 ug/L | 73     |

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

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