

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV100418\  
 Data File : VV008084.D  
 Acq On : 05 Oct 2018 01:36  
 Operator : SY/MD  
 Sample : J5246-18  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0J86

Quant Time: Oct 05 07:12:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 05 05:56:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 81257    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 78249    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 37944    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 16345    | 3.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.00%   |
| 7) Chloroethane-d5             | 1.59   | 69    | 16291    | 4.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.60%   |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 83523    | 8.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 169.80%# |
| 20) 2-Butanone-d5              | 3.97   | 46    | 72464    | 55.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.62%  |
| 24) Chloroform-d               | 4.41   | 84    | 48082    | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 25836    | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%   |
| 32) Benzene-d6                 | 5.10   | 84    | 88709    | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%   |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 29751    | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 79867    | 4.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 9606     | 4.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 49991    | 49.67    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.34%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 22885    | 5.01     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 35653    | 4.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.00%   |

## Target Compounds

|                            |      |     |        |               | Qvalue |
|----------------------------|------|-----|--------|---------------|--------|
| 12) 1,1-Dichloroethene     | 2.14 | 96  | 108091 | 20.125 ug/L # | 77     |
| 19) 1,1-Dichloroethane     | 3.23 | 63  | 33374  | 3.304 ug/L    | 99     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96  | 34881  | 5.818 ug/L    | 99     |
| 29) 1,1,1-Trichloroethane  | 4.66 | 97  | 24636  | 2.618 ug/L    | 98     |
| 34) Trichloroethene        | 5.96 | 95  | 269534 | 42.011 ug/L   | 97     |
| 47) Tetrachloroethene      | 8.02 | 164 | 123359 | 20.750 ug/L   | 97     |

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

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