

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\  
 Data File : VV006835.D  
 Acq On : 03 Aug 2018 04:26  
 Operator : SY/MD  
 Sample : J4227-03  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWQ3

Quant Time: Aug 03 11:48:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 03 04:21:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 230175   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 206275   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 78841    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 83283    | 5.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 74348    | 5.36     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 107.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 118240   | 4.00     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.00%   |
| 20) 2-Butanone-d5              | 3.95   | 46    | 263044   | 68.03    | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 136.06%# |
| 24) Chloroform-d               | 4.41   | 84    | 149095   | 5.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 81129    | 5.77     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 292291   | 5.25     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 100026   | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 227304   | 4.57     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30438    | 4.68     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.60%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 146756   | 50.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.38%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 81181    | 5.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 118.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 76587    | 5.24     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.80%  |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------------|------|------|----------|--------|-------|--------|
| 5) Vinyl chloride            | 1.32 | 62   | 332972   | 16.12  | ug/L  | 98     |
| 14) Carbon disulfide         | 2.32 | 76   | 13695    | 0.31   | ug/L  | # 59   |
| 18) trans-1,2-Dichloroethene | 2.79 | 96   | 106893   | 6.67   | ug/L  | 98     |
| 22) cis-1,2-Dichloroethene   | 3.97 | 96   | 4840952  | 281.38 | ug/L  | 99     |
| 34) Trichloroethene          | 5.96 | 95   | 5618     | 0.35   | ug/L  | 88     |

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

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