

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101118\  
 Data File : VV008258.D  
 Acq On : 11 Oct 2018 12:20  
 Operator : SY/MD  
 Sample : VSTD0.1  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.1

Quant Time: Oct 11 15:33:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVS101118SIM.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 11 16:30:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 29069    | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 26556    | 0.50 | ug/L  | 0.00     |
| 10) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 10859    | 0.50 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |       |          |          |      |        |
|-------------------------------|-------|-------|----------|----------|------|--------|
| 2) Vinyl Chloride-d3          | 1.32  | 65    | 2905     | 0.09     | ug/L | 0.00   |
| Spiked Amount                 | 5.000 | Range | 40 - 130 | Recovery | =    | 1.80%# |
| 4) 1,2-Dichloroethane-d4      | 5.09  | 65    | 1865     | 0.08     | ug/L | 0.00   |
| Spiked Amount                 | 5.000 | Range | 70 - 130 | Recovery | =    | 1.60%# |
| 7) Toluene-d8                 | 7.36  | 98    | 5037     | 0.08     | ug/L | 0.00   |
| Spiked Amount                 | 5.000 | Range | 70 - 130 | Recovery | =    | 1.60%# |
| 9) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 1474     | 0.09     | ug/L | 0.00   |
| Spiked Amount                 | 5.000 | Range | 65 - 120 | Recovery | =    | 1.80%# |
| 11) 1-2-dichlorobenzene-d4    | 11.67 | 152   | 2054     | 0.09     | ug/L | 0.00   |

## Target Compounds

|                                |       |     |      |      |        | Qvalue |
|--------------------------------|-------|-----|------|------|--------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 3053 | 0.10 | ug/L   | 94     |
| 6) Trichloroethene             | 5.96  | 95  | 3111 | 0.12 | ug/L   | 90     |
| 8) 1,2-Dibromoethane           | 8.40  | 107 | 1412 | 0.09 | ug/L # | 95     |
| 12) 1,2,3-Trichloropropane     | 10.32 | 75  | 1258 | 0.09 | ug/L # | 100    |
| 13) 1,2-Dibromo-3-chloropropan | 12.48 | 75  | 209  | 0.10 | ug/L   | 95     |

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

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