

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101118\  
 Data File : VV008264.D  
 Acq On : 11 Oct 2018 16:01  
 Operator : SY/MD  
 Sample : VSTDICV0.5  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICV0.5

Quant Time: Oct 11 15:38:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVS101118SIM.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 11 16:35:40 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 18180    | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 16237    | 0.50 | ug/L  | 0.00     |
| 10) 1,4-Dichlorobenzene-d4 | 11.31 | 152  | 6271     | 0.50 | ug/L  | 0.02     |

| System Monitoring Compounds   |       |       |          |          |      |         |
|-------------------------------|-------|-------|----------|----------|------|---------|
| 2) Vinyl Chloride-d3          | 1.32  | 65    | 10009    | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 5.000 | Range | 40 - 130 | Recovery | =    | 10.00%# |
| 4) 1,2-Dichloroethane-d4      | 5.09  | 65    | 7301     | 0.54     | ug/L | 0.00    |
| Spiked Amount                 | 5.000 | Range | 70 - 130 | Recovery | =    | 10.80%# |
| 7) Toluene-d8                 | 7.35  | 98    | 19121    | 0.52     | ug/L | -0.02   |
| Spiked Amount                 | 5.000 | Range | 70 - 130 | Recovery | =    | 10.40%# |
| 9) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 5299     | 0.53     | ug/L | 0.00    |
| Spiked Amount                 | 5.000 | Range | 65 - 120 | Recovery | =    | 10.60%# |
| 11) 1-2-dichlorobenzene-d4    | 11.67 | 152   | 7077     | 0.51     | ug/L | 0.00    |

| Target Compounds               |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 10317 | 0.54 | ug/L   | 99     |
| 6) Trichloroethene             | 5.96  | 95  | 8059  | 0.48 | ug/L   | 86     |
| 8) 1,2-Dibromoethane           | 8.40  | 107 | 5034  | 0.55 | ug/L # | 97     |
| 12) 1,2,3-Trichloropropane     | 10.32 | 75  | 4447  | 0.58 | ug/L # | 100    |
| 13) 1,2-Dibromo-3-chloropropan | 12.48 | 75  | 683   | 0.56 | ug/L   | 86     |

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

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