

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062719\  
 Data File : VV011768.D  
 Acq On : 26 Jun 2019 19:24  
 Operator : SY/MD  
 Sample : VSTDCCC0.5EC  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.513

Quant Time: Jun 27 05:11:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062719SIM.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 27 04:08:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 8132     | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.90  | 117  | 7212     | 0.50 | ug/L  | 0.00     |
| 10) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 3010     | 0.50 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |       |          |          |      |         |
|-------------------------------|-------|-------|----------|----------|------|---------|
| 2) Vinyl Chloride-d3          | 1.32  | 65    | 4192     | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 40 - 130 | Recovery | =    | 100.00% |
| 4) 1,2-Dichloroethane-d4      | 5.08  | 65    | 3557     | 0.52     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 104.00% |
| 7) Toluene-d8                 | 7.35  | 98    | 9017     | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 100.00% |
| 9) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 2573     | 0.54     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 65 - 120 | Recovery | =    | 108.00% |
| 11) 1-2-dichlorobenzene-d4    | 11.68 | 152   | 3184     | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 80 - 120 | Recovery | =    | 100.00% |

## Target Compounds

|                                |       |     |      |            | Qvalue |
|--------------------------------|-------|-----|------|------------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 4023 | 0.489 ug/L | 97     |
| 6) Trichloroethene             | 5.95  | 95  | 3180 | 0.496 ug/L | 99     |
| 8) 1,2-Dibromoethane           | 8.39  | 107 | 1891 | 0.515 ug/L | 99     |
| 12) 1,2,3-Trichloropropane     | 10.31 | 75  | 2020 | 0.536 ug/L | 98     |
| 13) 1,2-Dibromo-3-chloropropan | 12.47 | 75  | 341  | 0.529 ug/L | 99     |

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

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