

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042919\  
 Data File : VV010547.D  
 Acq On : 29 Apr 2019 14:02  
 Operator : SY/MD  
 Sample : VSTDCCC0.5EC  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.511

Quant Time: Apr 30 01:26:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042619SIM.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 30 01:23:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 8315     | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 7402     | 0.50 | ug/L  | 0.00     |
| 10) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 3294     | 0.50 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |       |          |          |      |         |
|-------------------------------|-------|-------|----------|----------|------|---------|
| 2) Vinyl Chloride-d3          | 1.32  | 65    | 2819     | 0.46     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 40 - 130 | Recovery | =    | 92.00%  |
| 4) 1,2-Dichloroethane-d4      | 5.07  | 65    | 2790     | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 100.00% |
| 7) Toluene-d8                 | 7.35  | 98    | 8992     | 0.58     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 116.00% |
| 9) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 2151     | 0.50     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 65 - 120 | Recovery | =    | 100.00% |
| 11) 1-2-dichlorobenzene-d4    | 11.67 | 152   | 3442     | 0.52     | ug/L | 0.00    |
| Spiked Amount                 | 0.500 | Range | 80 - 120 | Recovery | =    | 104.00% |

## Target Compounds

|                                |       |     |      |            | Qvalue |
|--------------------------------|-------|-----|------|------------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 2736 | 0.441 ug/L | 98     |
| 6) Trichloroethene             | 5.96  | 95  | 3312 | 0.531 ug/L | 99     |
| 8) 1,2-Dibromoethane           | 8.40  | 107 | 1904 | 0.531 ug/L | 99     |
| 12) 1,2,3-Trichloropropane     | 10.30 | 75  | 1631 | 0.579 ug/L | 98     |
| 13) 1,2-Dibromo-3-chloropropan | 12.46 | 75  | 339  | 0.442 ug/L | 95     |

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

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