

Data Path : Z:\VOASRV\HPCHEM1\MSVOA T\DATA\VT112818\  
 Data File : VT019102.D  
 Acq On : 28 Nov 2018 11:20  
 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA T/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_T  
 ClientSampleId :  
 VSTDIC020

Quant Time: Nov 29 06:16:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_T\METHODS\82T112818TCLP.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 29 06:13:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.45  | 168  | 478157   | 50.00 | ug/l  | 0.00     |
| 7) 1,4-Difluorobenzene     | 8.38  | 114  | 920875   | 50.00 | ug/l  | 0.00     |
| 15) Chlorobenzene-d5       | 11.24 | 117  | 906674   | 50.00 | ug/l  | 0.00     |
| 18) 1,4-Dichlorobenzene-d4 | 13.16 | 152  | 466177   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                          |        |     |          |       |        |      |
|--------------------------|--------|-----|----------|-------|--------|------|
| 6) 1,2-Dichloroethane-d4 | 7.82   | 65  | 186451   | 19.85 | ug/l   | 0.00 |
| Spiked Amount            | 50.000 |     | Recovery | =     | 39.70% |      |
| 8) Dibromofluoromethane  | 7.37   | 113 | 114894   | 19.38 | ug/l   | 0.00 |
| Spiked Amount            | 50.000 |     | Recovery | =     | 38.76% |      |
| 13) Toluene-d8           | 9.91   | 98  | 496801   | 19.14 | ug/l   | 0.00 |
| Spiked Amount            | 50.000 |     | Recovery | =     | 38.28% |      |
| 14) 4-Bromofluorobenzene | 12.23  | 95  | 188309   | 19.30 | ug/l   | 0.00 |
| Spiked Amount            | 50.000 |     | Recovery | =     | 38.60% |      |

## Target Compounds

|                         |       |     |        |         |      | Qvalue |
|-------------------------|-------|-----|--------|---------|------|--------|
| 2) Vinyl Chloride       | 2.11  | 62  | 303962 | 20.851  | ug/l | 99     |
| 3) 1,1-Dichloroethene   | 3.56  | 96  | 196309 | 19.574  | ug/l | 99     |
| 4) 2-Butanone           | 6.57  | 43  | 493012 | 109.820 | ug/l | 97     |
| 5) Chloroform           | 7.13  | 83  | 265101 | 20.188  | ug/l | 98     |
| 9) Carbon Tetrachloride | 7.54  | 117 | 193722 | 19.620  | ug/l | 96     |
| 10) Benzene             | 7.83  | 78  | 636274 | 19.805  | ug/l | 99     |
| 11) 1,2-Dichloroethane  | 7.91  | 62  | 234747 | 20.009  | ug/l | 100    |
| 12) Trichloroethene     | 8.64  | 130 | 120644 | 19.189  | ug/l | 95     |
| 16) Tetrachloroethene   | 10.45 | 164 | 98537  | 19.506  | ug/l | 99     |
| 17) Chlorobenzene       | 11.26 | 112 | 398708 | 19.388  | ug/l | 99     |

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

