

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR111918\  
 Data File : VR026227.D  
 Acq On : 19 Nov 2018 18:24  
 Operator : SY/MD  
 Sample : J5997-10  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Quant Time: Nov 20 05:39:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR110918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 20 04:16:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 1240871  | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 974731   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 378604   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 225978   | 2.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 49.40%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 241370   | 2.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 56.60%# |
| 11) 1,1-Dichloroethene-d2      | 3.62   | 63    | 492447   | 2.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 40.80%# |
| 20) 2-Butanone-d5              | 6.59   | 46    | 448303   | 56.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.62% |
| 24) Chloroform-d               | 7.20   | 84    | 680142   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 298582   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 1365057  | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 364883   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 1274465  | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 96859    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.20% |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 338358   | 62.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 135199   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 284251   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.40% |

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 13) Acetone                | 3.70  | 43   | 38689    | 4.598  | ug/L   | 98     |
| 19) 1,1-Dichloroethane     | 5.69  | 63   | 544023   | 3.175  | ug/L   | 97     |
| 22) cis-1,2-Dichloroethene | 6.68  | 96   | 70824    | 0.856  | ug/L # | 93     |
| 25) Chloroform             | 7.23  | 83   | 49746    | 0.297  | ug/L   | 96     |
| 29) 1,1,1-Trichloroethane  | 7.43  | 97   | 495455   | 3.797  | ug/L   | 97     |
| 34) Trichloroethene        | 8.71  | 95   | 130057   | 1.451  | ug/L   | 94     |
| 42) Toluene                | 10.04 | 91   | 10135221 | 27.652 | ug/L # | 75     |
| 47) Tetrachloroethene      | 10.51 | 164  | 23503    | 0.384  | ug/L   | 96     |
| 52) Ethylbenzene           | 11.39 | 91   | 431836   | 1.039  | ug/L   | 99     |
| 53) m,p-Xylene             | 11.50 | 106  | 175523   | 1.163  | ug/L   | 99     |
| 54) o-Xylene               | 11.83 | 106  | 41489    | 0.301  | ug/L   | 89     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR111918\  
Data File : VR026227.D  
Acq On : 19 Nov 2018 18:24  
Operator : SY/MD  
Sample : J5997-10  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :

Quant Time: Nov 20 05:39:01 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR110918WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Nov 20 04:16:20 2018  
Response via : Initial Calibration

