

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120921\  
 Data File : VN069910.D  
 Acq On : 9 Dec 2021 14:39  
 Operator : JC/MD  
 Sample : M4940-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-17

Quant Time: Dec 10 06:15:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 1225063  | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 2250656  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.744    | 117   | 2524329  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152   | 1146441  | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 946741   | 50.052   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 100.100% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 684745   | 48.572   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 97.140%  |
| 50) Toluene-d8              | 10.440    | 98    | 2969531  | 52.459   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 104.920% |
| 62) 4-Bromofluorobenzene    | 12.731    | 95    | 1299594  | 63.372   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 126.740% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.377     | 59    | 39181    | 10.959   | ug/l # | 71       |
| 16) Acetone                 | 4.293     | 43    | 95186    | 8.366    | ug/l   | 90       |
| 19) Methyl tert-butyl Ether | 5.618     | 73    | 93549    | 2.062    | ug/l # | 1        |
| 25) 2-Butanone              | 7.348     | 43    | 32241    | 2.085    | ug/l # | 86       |
| 27) cis-1,2-Dichloroethene  | 7.327     | 96    | 7944     | 0.519    | ug/l   | 93       |
| 31) Cyclohexane             | 8.094     | 56    | 282018m  | 10.714   | ug/l   |          |
| 39) Methylcyclohexane       | 9.461     | 83    | 176407   | 6.922    | ug/l   | 89       |
| 40) Benzene                 | 8.461     | 78    | 2469216  | 37.704   | ug/l   | 99       |
| 52) Toluene                 | 10.505    | 92    | 4131902  | 103.343  | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.846    | 91    | 5605801  | 60.262   | ug/l   | 97       |
| 68) m/p-Xylenes             | 11.950    | 106   | 3014352  | 88.996   | ug/l   | 92       |
| 69) o-Xylene                | 12.280    | 106   | 2131917  | 62.488   | ug/l   | 91       |
| 73) Isopropylbenzene        | 12.578    | 105   | 480433   | 4.710    | ug/l   | 97       |
| 78) n-propylbenzene         | 12.921    | 91    | 1208864  | 10.650   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 13.058    | 105   | 201833   | 2.458    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.366    | 105   | 4379847  | 56.017   | ug/l   | 98       |
| 86) p-Isopropyltoluene      | 13.613    | 119   | 16195    | 0.210    | ug/l # | 78       |
| 95) Naphthalene             | 15.504    | 128   | 523872   | 12.590   | ug/l   | 99       |
| -----                       |           |       |          |          |        |          |

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

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