

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010323\  
 Data File : VN076067.D  
 Acq On : 03 Jan 2023 16:39  
 Operator : JC\MD  
 Sample : N6232-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-12

Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

Quant Time: Jan 04 04:19:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.235  | 168   | 353857   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 547445   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 482878   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 237021   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 177076   | 45.998   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.000%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 160960   | 47.477   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.960%  |
| 50) Toluene-d8              | 10.571 | 98    | 636595   | 50.221   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 100.440% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 213805   | 50.926   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 101.860% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 11) Tert butyl alcohol      | 5.536  | 59    | 81808    | 150.184  | ug/l  | 99       |
| 16) Acetone                 | 4.442  | 43    | 319267   | 240.585  | ug/l  | 97       |
| 19) Methyl tert-butyl Ether | 5.818  | 73    | 204483   | 19.799   | ug/l  | 97       |
| 25) 2-Butanone              | 7.494  | 43    | 46508    | 25.030   | ug/l  | 99       |
| 31) Cyclohexane             | 8.271  | 56    | 6501m    | 1.179    | ug/l  |          |
| 39) Methylcyclohexane       | 9.606  | 83    | 15138    | 2.786    | ug/l  | 97       |
| 40) Benzene                 | 8.618  | 78    | 9931     | 0.715    | ug/l  | 94       |
| 42) 1,2-Dichloroethane      | 8.677  | 62    | 2743     | 0.594    | ug/l  | 78       |
| 51) 4-Methyl-2-Pentanone    | 10.447 | 43    | 14571    | 4.038    | ug/l  | 93       |
| 52) Toluene                 | 10.635 | 92    | 129412   | 14.300   | ug/l  | 99       |
| 67) Ethyl Benzene           | 11.965 | 91    | 954779   | 57.079   | ug/l  | 99       |
| 68) m/p-Xylenes             | 12.076 | 106   | 630843   | 95.285   | ug/l  | 98       |
| 69) o-Xylene                | 12.400 | 106   | 598753   | 91.388   | ug/l  | 99       |
| 73) Isopropylbenzene        | 12.700 | 105   | 140695   | 8.214    | ug/l  | 100      |
| 78) n-propylbenzene         | 13.041 | 91    | 367609   | 19.459   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene  | 13.176 | 105   | 78810    | 5.498    | ug/l  | 88       |
| 84) 1,2,4-Trimethylbenzene  | 13.482 | 105   | 1929104  | 135.649  | ug/l  | 100      |
| 85) sec-Butylbenzene        | 13.617 | 105   | 40336m   | 2.312    | ug/l  |          |
| 86) p-Isopropyltoluene      | 13.729 | 119   | 20590m   | 1.418    | ug/l  |          |
| 89) n-Butylbenzene          | 14.059 | 91    | 35238m   | 2.996    | ug/l  |          |
| 95) Naphthalene             | 15.641 | 128   | 254433   | 21.043   | ug/l  | 100      |
| -----                       |        |       |          |          |       |          |

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

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