

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083122\  
 Data File : VN074211.D  
 Acq On : 31 Aug 2022 13:56  
 Operator : JC\MD  
 Sample : N4447-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1656-WATER

Quant Time: Sep 01 00:24:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 31 07:02:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response             | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|----------|--------|----------|
| -----                       |                |      |                      |          |        |          |
| Internal Standards          |                |      |                      |          |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 192835               | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 362925               | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680         | 117  | 365822               | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610         | 152  | 212917               | 50.000   | ug/l   | 0.00     |
|                             |                |      |                      |          |        |          |
| System Monitoring Compounds |                |      |                      |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369          | 65   | 152424               | 50.955   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 101.900%  |          |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 127057               | 53.801   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 107.600%  |          |        |          |
| 50) Toluene-d8              | 10.380         | 98   | 444662               | 47.811   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 95.620%   |          |        |          |
| 62) 4-Bromofluorobenzene    | 12.669         | 95   | 196319               | 69.412   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 138.820%# |          |        |          |
|                             |                |      |                      |          |        |          |
| Target Compounds            |                |      |                      |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.287          | 59   | 862589               | 1316.713 | ug/l   | 99       |
| 16) Acetone                 | 4.228          | 43   | 37172                | 18.597   | ug/l   | 99       |
| 17) Carbon Disulfide        | 4.463          | 76   | 29413                | 4.571    | ug/l   | 99       |
| 25) 2-Butanone              | 7.269          | 43   | 44863                | 14.030   | ug/l   | 93       |
| 39) Methylcyclohexane       | 9.398          | 83   | 23781                | 5.287    | ug/l   | 92       |
| 40) Benzene                 | 8.392          | 78   | 23746                | 1.974    | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone    | 10.275         | 43   | 87028                | 13.920   | ug/l   | 88       |
| 52) Toluene                 | 10.445         | 92   | 5454                 | 0.769    | ug/l   | 94       |
| 67) Ethyl Benzene           | 11.786         | 91   | 578115               | 39.134   | ug/l   | 100      |
| 68) m/p-Xylenes             | 11.886         | 106  | 1238933              | 225.759  | ug/l   | 95       |
| 69) o-Xylene                | 12.216         | 106  | 29630                | 5.419    | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.516         | 105  | 212337               | 11.645   | ug/l   | 98       |
| 78) n-propylbenzene         | 12.863         | 91   | 285063               | 13.715   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene  | 12.998         | 105  | 979846               | 66.074   | ug/l   | 97       |
| 83) tert-Butylbenzene       | 13.257         | 119  | 37596                | 2.964    | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.304         | 105  | 1732987              | 121.085  | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.439         | 105  | 56190                | 3.158    | ug/l # | 51       |
| 86) p-Isopropyltoluene      | 13.557         | 119  | 67972                | 4.909    | ug/l   | 99       |
| 89) n-Butylbenzene          | 13.880         | 91   | 27306                | 2.264    | ug/l # | 68       |
| 95) Naphthalene             | 15.433         | 128  | 674155               | 41.917   | ug/l   | 99       |
| -----                       |                |      |                      |          |        |          |

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

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