

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032024\  
 Data File : VN081506.D  
 Acq On : 20 Mar 2024 20:09  
 Operator : JC\MD  
 Sample : P1799-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 50297

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/21/2024  
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:26:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 569043     | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 958057     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 859619     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 384755     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582          | 65   | 346768     | 47.785   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 95.580%  |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 287898     | 47.615   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 95.240%  |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 1125733    | 51.505   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 103.020% |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 385186     | 50.015   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 64 - 133 |      | Recovery = | 100.020% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        | Qvalue   |
| 11) Tert butyl alcohol      | 5.530          | 59   | 22630      | 17.895   | ug/l   | 99       |
| 16) Acetone                 | 4.424          | 43   | 560768     | 239.111  | ug/l   | 97       |
| 18) Methyl Acetate          | 5.030          | 43   | 14899      | 2.061    | ug/l # | 87       |
| 19) Methyl tert-butyl Ether | 5.794          | 73   | 1314799    | 62.558   | ug/l   | 100      |
| 22) Diisopropyl ether       | 6.671          | 45   | 482186     | 24.661   | ug/l # | 92       |
| 25) 2-Butanone              | 7.483          | 43   | 311704     | 77.489   | ug/l # | 86       |
| 31) Cyclohexane             | 8.259          | 56   | 152797     | 12.939   | ug/l # | 75       |
| 37) Ethyl Acetate           | 7.559          | 43   | 4111709    | 471.902  | ug/l # | 94       |
| 39) Methylcyclohexane       | 9.600          | 83   | 36286      | 3.193    | ug/l # | 78       |
| 40) Benzene                 | 8.594          | 78   | 24595406m  | 826.791  | ug/l   |          |
| 51) 4-Methyl-2-Pentanone    | 10.447         | 43   | 10648      | 1.208    | ug/l   | 97       |
| 52) Toluene                 | 10.624         | 92   | 20158022   | 1066.129 | ug/l # | 1        |
| 59) 2-Hexanone              | 11.194         | 43   | 16677      | 2.559    | ug/l   | 96       |
| 67) Ethyl Benzene           | 11.965         | 91   | 4017359    | 113.807  | ug/l   | 98       |
| 68) m/p-Xylenes             | 12.070         | 106  | 5290910    | 399.818  | ug/l   | 96       |
| 69) o-Xylene                | 12.400         | 106  | 2427002    | 186.815  | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.694         | 105  | 261068     | 7.960    | ug/l   | 99       |
| 78) n-propylbenzene         | 13.035         | 91   | 781892     | 20.188   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 13.176         | 105  | 1035779    | 38.237   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.482         | 105  | 4700625    | 172.652  | ug/l   | 95       |
| 85) sec-Butylbenzene        | 13.612         | 105  | 84725m     | 2.537    | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.729         | 119  | 56444m     | 2.068    | ug/l   |          |
| 89) n-Butylbenzene          | 14.059         | 91   | 95793      | 3.958    | ug/l # | 77       |
| 95) Naphthalene             | 15.641         | 128  | 934019     | 34.796   | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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