

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052225\  
 Data File : VN086756.D  
 Acq On : 22 May 2025 11:06  
 Operator : JC\MD  
 Sample : Q2078-01RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-A4-04-GRE

Quant Time: May 23 01:33:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 17 00:46:13 2025  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 239210     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.094          | 114  | 440051     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 419182     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 202121     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.576          | 65   | 147748     | 44.698   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 89.400%  |        |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 91664      | 34.977   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 69.960%# |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 554232     | 51.033   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 102.060% |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 207802     | 54.190   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 108.380% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.424          | 43   | 45718      | 36.975   | ug/l   | 97       |
| 17) Carbon Disulfide        | 4.718          | 76   | 8100       | 1.097    | ug/l   | 96       |
| 20) Methylene Chloride      | 5.271          | 84   | 4446       | 1.363    | ug/l # | 88       |
| 27) cis-1,2-Dichloroethene  | 7.482          | 96   | 10312      | 2.978    | ug/l   | 87       |
| 40) Benzene                 | 8.606          | 78   | 178660     | 14.168   | ug/l   | 96       |
| 52) Toluene                 | 10.629         | 92   | 94780      | 12.093   | ug/l   | 99       |
| 67) Ethyl Benzene           | 11.959         | 91   | 1905918    | 121.055  | ug/l   | 99       |
| 68) m/p-Xylenes             | 12.070         | 106  | 258190     | 43.296   | ug/l   | 97       |
| 69) o-Xylene                | 12.394         | 106  | 303861     | 51.253   | ug/l   | 100      |
| 73) Isopropylbenzene        | 12.694         | 105  | 238924     | 15.305   | ug/l   | 99       |
| 78) n-propylbenzene         | 13.035         | 91   | 114578     | 6.396    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.170         | 105  | 161834     | 12.940   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.476         | 105  | 645388     | 51.819   | ug/l   | 98       |
| 86) p-Isopropyltoluene      | 13.723         | 119  | 27154      | 2.265    | ug/l # | 77       |
| 95) Naphthalene             | 15.635         | 128  | 17504109   | 1846.577 | ug/l   | 97       |
| -----                       |                |      |            |          |        |          |

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

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