

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090122\  
 Data File : VN074262.D  
 Acq On : 02 Sep 2022 00:04  
 Operator : JC\MD  
 Sample : N4376-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-28

Quant Time: Sep 02 05:43:25 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

### Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2022  
 Supervised By :Mahesh Dadoda 09/02/2022

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 211675     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 414995     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686         | 117  | 380188     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610         | 152  | 175111     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.375          | 65   | 162935     | 49.621   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 99.240%  |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 131683     | 48.763   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 97.520%  |        |          |
| 50) Toluene-d8              | 10.380         | 98   | 481392     | 45.266   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 90.540%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.668         | 95   | 174542     | 53.970   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 107.940% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.287          | 59   | 790468     | 1097.887 | ug/l   | 100      |
| 16) Acetone                 | 4.234          | 43   | 9131m      | 4.162    | ug/l   |          |
| 19) Methyl tert-butyl Ether | 5.539          | 73   | 183332     | 19.971   | ug/l # | 74       |
| 22) Diisopropyl ether       | 6.416          | 45   | 62702      | 5.561    | ug/l # | 83       |
| 31) Cyclohexane             | 8.028          | 56   | 30116      | 5.551    | ug/l # | 77       |
| 40) Benzene                 | 8.392          | 78   | 2348626    | 170.714  | ug/l   | 98       |
| 52) Toluene                 | 10.439         | 92   | 7036       | 0.868    | ug/l   | 99       |
| 67) Ethyl Benzene           | 11.786         | 91   | 34514      | 2.248    | ug/l   | 94       |
| 68) m/p-Xylenes             | 11.904         | 106  | 7385       | 1.295    | ug/l   | 86       |
| 69) o-Xylene                | 12.221         | 106  | 3619       | 0.637    | ug/l   | 93       |
| 73) Isopropylbenzene        | 12.521         | 105  | 90829      | 6.057    | ug/l   | 98       |
| 78) n-propylbenzene         | 12.857         | 91   | 109231     | 6.390    | ug/l   | 95       |
| 85) sec-Butylbenzene        | 13.439         | 105  | 9005       | 0.615    | ug/l   | 91       |
| 95) Naphthalene             | 15.439         | 128  | 26778      | 3.120    | ug/l # | 91       |
| -----                       |                |      |            |          |        |          |

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

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