

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081322\  
 Data File : VN073873.D  
 Acq On : 13 Aug 2022 17:14  
 Operator : JC\MD  
 Sample : N4156-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FMC-0073

Quant Time: Aug 14 02:36:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 05:09:32 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2022  
 Supervised By : Mahesh Dadoda 08/16/2022

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.081          | 168  | 565632     | 50.000   | ug/l   | 0.06     |
| 34) 1,4-Difluorobenzene     | 8.951          | 114  | 816549     | 50.000   | ug/l   | 0.05     |
| 63) Chlorobenzene-d5        | 11.692         | 117  | 763736     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616         | 152  | 439780     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 285636     | 41.438   | ug/l   | 0.06     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 82.880%  |        |          |
| 35) Dibromofluoromethane    | 8.022          | 113  | 285886     | 55.756   | ug/l   | 0.07     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 111.520% |        |          |
| 50) Toluene-d8              | 10.404         | 98   | 915470     | 45.372   | ug/l   | 0.02     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 90.740%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.674         | 95   | 390284     | 54.820   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 109.640% |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.404          | 43   | 453967     | 122.615  | ug/l   | 99       |
| 18) Methyl Acetate          | 4.904          | 43   | 50787m     | 5.514    | ug/l   |          |
| 20) Methylene Chloride      | 5.087          | 84   | 121398     | 18.898   | ug/l   | 92       |
| 43) Isopropyl Acetate       | 8.557          | 43   | 264400     | 20.340   | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone    | 10.298         | 43   | 39945      | 4.284    | ug/l   | 92       |
| 52) Toluene                 | 10.463         | 92   | 2196491    | 151.535  | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.792         | 91   | 130461     | 4.767    | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.898         | 106  | 159421     | 15.273   | ug/l   | 99       |
| 69) o-Xylene                | 12.227         | 106  | 105913     | 10.408   | ug/l   | 95       |
| 78) n-propylbenzene         | 12.869         | 91   | 52493      | 1.449    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 13.004         | 105  | 61493      | 2.321    | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.310         | 105  | 303758     | 11.660   | ug/l   | 99       |
| 95) Naphthalene             | 15.433         | 128  | 159642     | 6.388    | ug/l   | 97       |
| -----                       |                |      |            |          |        |          |

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

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