

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062922\  
 Data File : VN073237.D  
 Acq On : 29 Jun 2022 12:52  
 Operator : JC\MD  
 Sample : N3504-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRE-1613

Quant Time: Jun 29 15:41:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022  
 Supervised By : Mahesh Dadoda 07/01/2022

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.004          | 168  | 375755     | 50.000   | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 8.898          | 114  | 622784     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680         | 117  | 553824     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610         | 152  | 279437     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369          | 65   | 222600     | 41.037   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 82.080%  |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 162650     | 39.255   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 78.500%  |        |          |
| 50) Toluene-d8              | 10.374         | 98   | 650271     | 44.187   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 88.380%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.668         | 95   | 279168     | 49.363   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 98.720%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 5.451          | 59   | 12567739m  | 9564.180 | ug/l   |          |
| 16) Acetone                 | 4.269          | 43   | 11225734   | 3686.820 | ug/l   | 95       |
| 17) Carbon Disulfide        | 4.369          | 76   | 325516m    | 28.380   | ug/l   |          |
| 20) Methylene Chloride      | 4.987          | 84   | 18434      | 3.445    | ug/l # | 87       |
| 37) Ethyl Acetate           | 7.345          | 43   | 20098780   | 2086.379 | ug/l   | 97       |
| 39) Methylcyclohexane       | 9.380          | 83   | 13206      | 1.664    | ug/l   | 93       |
| 40) Benzene                 | 8.380          | 78   | 543619     | 27.629   | ug/l   | 99       |
| 52) Toluene                 | 10.439         | 92   | 740981     | 60.937   | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.780         | 91   | 347781     | 15.294   | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.886         | 106  | 453714     | 52.869   | ug/l   | 96       |
| 69) o-Xylene                | 12.216         | 106  | 266378     | 30.405   | ug/l   | 96       |
| 73) Isopropylbenzene        | 12.516         | 105  | 35454      | 1.469    | ug/l   | 99       |
| 78) n-propylbenzene         | 12.857         | 91   | 87993      | 3.282    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.998         | 105  | 119269     | 6.064    | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.304         | 105  | 775475     | 39.491   | ug/l   | 73       |
| 85) sec-Butylbenzene        | 13.439         | 105  | 20196m     | 0.853    | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.551         | 119  | 22075      | 1.154    | ug/l   | 98       |
| 89) n-Butylbenzene          | 13.880         | 91   | 19060      | 1.196    | ug/l # | 80       |
| 95) Naphthalene             | 15.427         | 128  | 294866     | 13.691   | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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