

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032822\  
 Data File : VN071600.D  
 Acq On : 28 Mar 2022 13:01  
 Operator : JC\MD  
 Sample : N2131-02DL 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-2DL

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/29/2022  
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 04:37:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.080          | 168  | 731977     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963          | 114  | 1209855    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739         | 117  | 1171547    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668         | 152  | 464161     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433          | 65   | 411461     | 45.245   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 90.480%  |        |          |
| 35) Dibromofluoromethane    | 8.022          | 113  | 342192     | 45.004   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 90.000%  |        |          |
| 50) Toluene-d8              | 10.433         | 98   | 1471095    | 47.967   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 95.940%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.727         | 95   | 515669     | 51.315   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 102.620% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 31) Cyclohexane             | 8.086          | 56   | 19495      | 1.498    | ug/l # | 43       |
| 39) Methylcyclohexane       | 9.457          | 83   | 7008       | 0.521    | ug/l   | 95       |
| 40) Benzene                 | 8.457          | 78   | 10667      | 0.313    | ug/l # | 88       |
| 52) Toluene                 | 10.498         | 92   | 223683     | 10.473   | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.839         | 91   | 521816     | 12.229   | ug/l   | 99       |
| 68) m/p-Xylenes             | 11.945         | 106  | 579673     | 35.502   | ug/l   | 100      |
| 69) o-Xylene                | 12.274         | 106  | 188440     | 11.617   | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.574         | 105  | 50623      | 1.237    | ug/l   | 99       |
| 78) n-propylbenzene         | 12.915         | 91   | 142944     | 3.283    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 13.057         | 105  | 194030     | 6.007    | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.363         | 105  | 1011361    | 32.445   | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.498         | 105  | 19038m     | 0.493    | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.610         | 119  | 10413m     | 0.338    | ug/l   |          |
| 89) n-Butylbenzene          | 13.933         | 91   | 16876      | 0.715    | ug/l # | 78       |
| 95) Naphthalene             | 15.504         | 128  | 101247     | 7.225    | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

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

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