

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120222\  
 Data File : VN075547.D  
 Acq On : 02 Dec 2022 21:17  
 Operator : JC\MD  
 Sample : N5865-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LEA-5I

Quant Time: Dec 03 00:39:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2022  
 Supervised By : Mahesh Dadoda 12/05/2022

| Compound                     | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                        |                |      |                     |           |        |          |
| Internal Standards           |                |      |                     |           |        |          |
| 1) Pentafluorobenzene        | 8.236          | 168  | 157739              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.112          | 114  | 260207              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 245919              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 112355              | 50.000    | ug/l   | 0.00     |
|                              |                |      |                     |           |        |          |
| System Monitoring Compounds  |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583          | 65   | 44783               | 52.890    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 105.780% |           |        |          |
| 35) Dibromofluoromethane     | 8.177          | 113  | 60343               | 59.034    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 118.060% |           |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 119708              | 51.996    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 104.000% |           |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 92576               | 54.479    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 108.960% |           |        |          |
|                              |                |      |                     |           |        |          |
| Target Compounds             |                |      |                     |           | Qvalue |          |
| 3) Chloromethane             | 2.365          | 50   | 1094m               | 0.729     | ug/l   |          |
| 4) Vinyl Chloride            | 2.524          | 62   | 29948               | 15.833    | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 4.353          | 96   | 307114              | 210.244   | ug/l   | 92       |
| 16) Acetone                  | 4.448          | 43   | 4212                | 5.333     | ug/l # | 78       |
| 17) Carbon Disulfide         | 4.736          | 76   | 24986               | 6.582     | ug/l # | 93       |
| 21) trans-1,2-Dichloroethene | 5.800          | 96   | 589262              | 353.968   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.589          | 63   | 36266               | 13.104    | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 7.465          | 96   | 55562883m           | 29517.087 | ug/l   |          |
| 30) Chloroform               | 7.977          | 83   | 40970               | 12.891    | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 614559              | 212.959   | ug/l   | 92       |
| 44) Trichloroethene          | 9.347          | 130  | 38224135m           | 20468.352 | ug/l   |          |
| 52) Toluene                  | 10.635         | 92   | 479455              | 109.015   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane    | 11.018         | 97   | 2840                | 1.585     | ug/l # | 72       |
| 64) Tetrachloroethene        | 11.106         | 164  | 53604               | 28.544    | ug/l   | 89       |
| 67) Ethyl Benzene            | 11.965         | 91   | 567983              | 65.553    | ug/l   | 97       |
| 68) m/p-Xylenes              | 12.071         | 106  | 744687              | 211.647   | ug/l   | 100      |
| 69) o-Xylene                 | 12.400         | 106  | 348534              | 99.698    | ug/l   | 97       |
| 73) Isopropylbenzene         | 12.700         | 105  | 7935                | 0.967     | ug/l   | 98       |
| 78) n-propylbenzene          | 13.041         | 91   | 8535                | 0.932     | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene   | 13.176         | 105  | 21989               | 3.224     | ug/l   | 99       |
| 83) tert-Butylbenzene        | 13.441         | 119  | 1634                | 0.263     | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene   | 13.482         | 105  | 63740               | 9.318     | ug/l   | 96       |
| 85) sec-Butylbenzene         | 13.612         | 105  | 3922                | 0.465     | ug/l # | 71       |
| 86) p-Isopropyltoluene       | 13.729         | 119  | 4120                | 0.580     | ug/l   | 87       |
| 89) n-Butylbenzene           | 14.059         | 91   | 2880                | 0.480     | ug/l # | 74       |
| 95) Naphthalene              | 15.647         | 128  | 53722               | 8.903     | ug/l   | 99       |
| -----                        |                |      |                     |           |        |          |

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

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