

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110424\  
 Data File : VN084650.D  
 Acq On : 04 Nov 2024 12:14  
 Operator : JC\MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VIBLK

Quant Time: Nov 05 01:28:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                       |                |      |                      |         |        |          |
| Internal Standards          |                |      |                      |         |        |          |
| 1) Pentafluorobenzene       | 8.218          | 168  | 934                  | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.094          | 114  | 1891                 | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 5398                 | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 6067                 | 50.000  | ug/l   | 0.00     |
|                             |                |      |                      |         |        |          |
| System Monitoring Compounds |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 676                  | 50.111  | ug/l   | 0.01     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 100.220%  |         |        |          |
| 35) Dibromofluoromethane    | 8.159          | 113  | 308                  | 24.063  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 48.120%#  |         |        |          |
| 50) Toluene-d8              | 10.559         | 98   | 3049                 | 64.666  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 129.340%# |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 8542                 | 484.746 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 969.500%# |         |        |          |
|                             |                |      |                      |         |        |          |
| Target Compounds            |                |      |                      |         |        |          |
|                             |                |      |                      |         | Qvalue |          |
| 44) Trichloroethene         | 9.341          | 130  | 438                  | 33.314  | ug/l   | 97       |
| 65) Chlorobenzene           | 11.882         | 112  | 1784                 | 14.773  | ug/l # | 85       |
| 67) Ethyl Benzene           | 11.959         | 91   | 1819                 | 9.024   | ug/l # | 84       |
| 68) m/p-Xylenes             | 12.070         | 106  | 1361                 | 17.834  | ug/l   | 88       |
| 69) o-Xylene                | 12.400         | 106  | 398                  | 5.575   | ug/l   | 80       |
| 70) Styrene                 | 12.406         | 104  | 1532                 | 12.301  | ug/l # | 67       |
| 73) Isopropylbenzene        | 12.694         | 105  | 1517                 | 3.568   | ug/l   | 84       |
| 77) Bromobenzene            | 12.982         | 156  | 998                  | 8.732   | ug/l   | 69       |
| 78) n-propylbenzene         | 13.035         | 91   | 2900                 | 5.821   | ug/l   | 90       |
| 79) 2-Chlorotoluene         | 13.123         | 91   | 1640                 | 5.038   | ug/l   | 87       |
| 80) 1,3,5-Trimethylbenzene  | 13.170         | 105  | 1213                 | 3.442   | ug/l   | 73       |
| 82) 4-Chlorotoluene         | 13.223         | 91   | 2865                 | 8.363   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.488         | 105  | 1384                 | 3.805   | ug/l   | 88       |
| 85) sec-Butylbenzene        | 13.617         | 105  | 1741                 | 4.226   | ug/l   | 90       |
| 86) p-Isopropyltoluene      | 13.723         | 119  | 1566                 | 4.635   | ug/l   | 86       |
| 87) 1,3-Dichlorobenzene     | 13.729         | 146  | 2492                 | 11.172  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene     | 13.811         | 146  | 3057                 | 14.182  | ug/l   | 96       |
| 89) n-Butylbenzene          | 14.047         | 91   | 2671                 | 8.452   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene     | 14.111         | 146  | 1700                 | 7.931   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene  | 15.388         | 180  | 1893                 | 16.135  | ug/l   | 100      |
| 94) Hexachlorobutadiene     | 15.500         | 225  | 429                  | 8.327   | ug/l   | 82       |
| 95) Naphthalene             | 15.641         | 128  | 4135                 | 11.775  | ug/l # | 88       |
| 96) 1,2,3-Trichlorobenzene  | 15.829         | 180  | 1715                 | 15.059  | ug/l   | 95       |
| -----                       |                |      |                      |         |        |          |

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

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