

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011224\  
 Data File : VN080687.D  
 Acq On : 12 Jan 2024 14:10  
 Operator : JC\MD  
 Sample : VN0112WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0112WBS01

Quant Time: Jan 12 22:11:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc       | Units          | Dev(Min) |
|------------------------------|--------|-------|----------|------------|----------------|----------|
| -----                        |        |       |          |            |                |          |
| Internal Standards           |        |       |          |            |                |          |
| 1) Pentafluorobenzene        | 8.006  | 168   | 71       | 50.000     | ug/l           | #-0.22   |
| 34) 1,4-Difluorobenzene      | 8.865  | 114   | 310284   | 50.000     | ug/l           | -0.24    |
| 63) Chlorobenzene-d5         | 11.812 | 117   | 263793   | 50.000     | ug/l           | -0.06    |
| 72) 1,4-Dichlorobenzene-d4   | 13.782 | 152   | 98833    | 50.000     | ug/l           | -0.01    |
|                              |        |       |          |            |                |          |
| System Monitoring Compounds  |        |       |          |            |                |          |
| 33) 1,2-Dichloroethane-d4    | 8.259  | 65    | 118231   | 94825.087  | ug/l           | -0.32    |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery   | = 189650.180%# |          |
| 35) Dibromofluoromethane     | 7.788  | 113   | 88298    | 50.085     | ug/l           | -0.38    |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery   | = 100.180%     |          |
| 50) Toluene-d8               | 10.453 | 98    | 340150   | 50.600     | ug/l           | -0.12    |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery   | = 101.200%     |          |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0        | 0.000      | ug/l           |          |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery   | = 0.000%#      |          |
|                              |        |       |          |            |                |          |
| Target Compounds             |        |       |          |            |                | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.036  | 85    | 88       | 76.290     | ug/l #         | 43       |
| 3) Chloromethane             | 2.295  | 50    | 76       | 58.253     | ug/l #         | 42       |
| 7) Trichlorofluoromethane    | 3.383  | 101   | 37694    | 21810.198  | ug/l           | 93       |
| 8) Diethyl Ether             | 4.036  | 74    | 12240    | 16205.519  | ug/l #         | 20       |
| 12) 1,1-Dichloroethene       | 4.471  | 96    | 56       | 52.829     | ug/l #         | 1        |
| 13) Acrolein                 | 3.930  | 56    | 79       | 448.389    | ug/l #         | 1        |
| 14) Allyl chloride           | 4.877  | 41    | 31119    | 14809.233  | ug/l #         | 30       |
| 15) Acrylonitrile            | 5.312  | 53    | 64       | 116.229    | ug/l #         | 1        |
| 16) Acetone                  | 4.336  | 43    | 567      | 1385.148   | ug/l #         | 40       |
| 18) Methyl Acetate           | 4.877  | 43    | 32666    | 26798.560  | ug/l #         | 79       |
| 20) Methylene Chloride       | 5.094  | 84    | 70       | 58.578     | ug/l #         | 13       |
| 21) trans-1,2-Dichloroethene | 5.747  | 96    | 79       | 73.474     | ug/l #         | 4        |
| 22) Diisopropyl ether        | 6.371  | 45    | 74       | 18.675     | ug/l #         | 33       |
| 23) Vinyl Acetate            | 6.430  | 43    | 646      | 200.304    | ug/l #         | 62       |
| 24) 1,1-Dichloroethane       | 6.312  | 63    | 58       | 26.740     | ug/l #         | 81       |
| 25) 2-Butanone               | 7.400  | 43    | 22289    | 30123.391  | ug/l #         | 1        |
| 28) Bromochloromethane       | 7.559  | 49    | 7543     | 7438.602   | ug/l #         | 5        |
| 29) Tetrahydrofuran          | 7.394  | 42    | 99673    | 199856.173 | ug/l #         | 72       |
| 30) Chloroform               | 7.882  | 83    | 3109     | 1528.942   | ug/l           | 90       |
| 31) Cyclohexane              | 7.971  | 56    | 94815    | 49221.556  | ug/l #         | 9        |
| 32) 1,1,1-Trichloroethane    | 7.788  | 97    | 66090    | 36512.449  | ug/l           | 95       |
| 36) 1,1-Dichloropropene      | 8.018  | 75    | 62769    | 17.381     | ug/l           | 93       |
| 37) Ethyl Acetate            | 7.400  | 43    | 22289    | 6.365      | ug/l #         | 64       |
| 38) Carbon Tetrachloride     | 8.006  | 117   | 53283    | 16.433     | ug/l           | 96       |
| 39) Methylcyclohexane        | 9.406  | 83    | 61756    | 17.870     | ug/l #         | 81       |
| 40) Benzene                  | 8.288  | 78    | 193378   | 19.048     | ug/l           | 98       |
| 41) Methacrylonitrile        | 7.324  | 41    | 25541    | 12.574     | ug/l           | 97       |
| 42) 1,2-Dichloroethane       | 8.371  | 62    | 68274    | 17.567     | ug/l           | 99       |
| 43) Isopropyl Acetate        | 8.412  | 43    | 118392   | 18.393     | ug/l #         | 90       |
| 44) Trichloroethene          | 9.135  | 130   | 41973    | 18.263     | ug/l           | 81       |
| 45) 1,2-Dichloropropane      | 9.429  | 63    | 53864    | 20.013     | ug/l           | 93       |
| 46) Dibromomethane           | 9.524  | 93    | 30454    | 17.884     | ug/l           | 96       |
| 47) Bromodichloromethane     | 9.724  | 83    | 64117    | 16.964     | ug/l #         | 87       |
| 48) Methyl methacrylate      | 9.424  | 41    | 62737    | 20.586     | ug/l #         | 34       |
| 49) 1,4-Dioxane              | 9.524  | 88    | 12651    | 333.160    | ug/l #         | 57       |
| 51) 4-Methyl-2-Pentanone     | 10.329 | 43    | 318731   | 91.784     | ug/l           | 88       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011224\  
 Data File : VN080687.D  
 Acq On : 12 Jan 2024 14:10  
 Operator : JC\MD  
 Sample : VN0112WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0112WBS01

Quant Time: Jan 12 22:11:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 52) Toluene                   | 10.518 | 92   | 112876   | 19.406  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.747 | 75   | 76609    | 18.261  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.182 | 75   | 83205    | 18.703  | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 10.935 | 97   | 42474    | 18.971  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.794 | 69   | 75631    | 18.861  | ug/l # | 78       |
| 57) 1,3-Dichloropropane       | 11.082 | 76   | 80963    | 19.809  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.029 | 63   | 203933   | 106.177 | ug/l # | 84       |
| 59) 2-Hexanone                | 11.123 | 43   | 233622   | 91.132  | ug/l   | 86       |
| 60) Dibromochloromethane      | 11.288 | 129  | 40493    | 17.598  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.394 | 107  | 40760    | 18.520  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.018 | 164  | 31329    | 17.294  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.841 | 112  | 108672   | 18.856  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.912 | 131  | 37735    | 18.441  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.917 | 91   | 202350   | 18.387  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.029 | 106  | 146033   | 37.744  | ug/l   | 90       |
| 69) o-Xylene                  | 12.365 | 106  | 72915    | 19.274  | ug/l   | 91       |
| 70) Styrene                   | 12.376 | 104  | 122063   | 19.001  | ug/l   | 95       |
| 71) Bromoform                 | 12.547 | 173  | 24584    | 17.463  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.670 | 105  | 174689   | 18.587  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.470 | 43   | 101588   | 18.012  | ug/l # | 84       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 60915    | 19.759  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 78582    | 25.785  | ug/l   | 73       |
| 77) Bromobenzene              | 12.959 | 156  | 36840    | 18.455  | ug/l   | 70       |
| 78) n-propylbenzene           | 13.017 | 91   | 208707   | 18.103  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 133196   | 18.027  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 145130   | 18.529  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.712 | 75   | 25889    | 20.026  | ug/l # | 87       |
| 82) 4-Chlorotoluene           | 13.206 | 91   | 131682   | 18.180  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.423 | 119  | 113721   | 18.162  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.470 | 105  | 143250   | 18.600  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.606 | 105  | 163882   | 18.420  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.717 | 119  | 129642   | 18.451  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.723 | 146  | 63364    | 17.772  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.800 | 146  | 67604    | 18.612  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.047 | 91   | 123064   | 18.171  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.329 | 117  | 22102    | 16.962  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 64151    | 19.094  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 11103    | 15.477  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 30934    | 17.679  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 13354    | 15.903  | ug/l   | 95       |
| 95) Naphthalene               | 15.641 | 128  | 117785   | 17.104  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 30258    | 17.865  | ug/l   | 99       |

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

