

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012522\  
 Data File : VN070776.D  
 Acq On : 25 Jan 2022 16:16  
 Operator : JC/MD  
 Sample : VN0125MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0125MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/26/2022  
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 00:49:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.086          | 168  | 814878              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.965          | 114  | 1293827             | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.744         | 117  | 1189394             | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.675         | 152  | 485219              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.434          | 65   | 619052              | 53.008  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 106.020% |         |        |          |
| 35) Dibromofluoromethane     | 8.021          | 113  | 432924              | 53.943  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 107.880% |         |        |          |
| 50) Toluene-d8               | 10.440         | 98   | 1768255             | 52.300  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 104.600% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.731         | 95   | 628078              | 52.131  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 104.260% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073          | 85   | 145957              | 15.500  | ug/l   | 97       |
| 3) Chloromethane             | 2.303          | 50   | 207880              | 15.103  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.448          | 62   | 217899              | 16.645  | ug/l   | 99       |
| 5) Bromomethane              | 2.850          | 94   | 127953              | 18.766  | ug/l   | 100      |
| 6) Chloroethane              | 3.017          | 64   | 138303              | 16.929  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.376          | 101  | 288995              | 19.324  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.824          | 74   | 99761               | 15.271  | ug/l   | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 4.205          | 101  | 142213              | 15.734  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.417          | 142  | 179366              | 15.389  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.377          | 59   | 174791              | 82.959  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.181          | 96   | 132457              | 14.693  | ug/l   | 91       |
| 13) Acrolein                 | 4.041          | 56   | 326337              | 107.996 | ug/l   | 100      |
| 14) Allyl chloride           | 4.838          | 41   | 304512              | 15.503  | ug/l   | 87       |
| 15) Acrylonitrile            | 5.557          | 53   | 528078              | 78.787  | ug/l   | 99       |
| 16) Acetone                  | 4.288          | 43   | 593698              | 73.244  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.527          | 76   | 359834              | 14.697  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.857          | 43   | 244933              | 15.365  | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.618          | 73   | 541069              | 16.801  | ug/l   | 96       |
| 20) Methylene Chloride       | 5.095          | 84   | 167146              | 15.655  | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 5.599          | 96   | 145075              | 15.990  | ug/l # | 84       |
| 22) Diisopropyl ether        | 6.495          | 45   | 637826              | 16.383  | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.434          | 43   | 2694924             | 81.659  | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.388          | 63   | 315373              | 16.194  | ug/l   | 98       |
| 25) 2-Butanone               | 7.335          | 43   | 788964              | 77.351  | ug/l   | 93       |
| 26) 2,2-Dichloropro          |                |      |                     |         |        |          |

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 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 158267   | 17.343  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 258154   | 17.784  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 472763   | 17.256  | ug/l   | 95       |
| 44) Trichloroethene           | 9.217  | 130  | 160687   | 16.931  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 187808   | 16.488  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 116990   | 17.664  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.759  | 83   | 237127   | 17.515  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.558  | 41   | 208747   | 15.993  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 68306    | 348.399 | ug/l   | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 1508288  | 86.275  | ug/l   | 98       |
| 52) Toluene                   | 10.505 | 92   | 436021   | 17.411  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 257448   | 17.331  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 279932   | 17.241  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 168218   | 17.099  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 279698   | 16.563  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 302989   | 17.398  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 308898   | 80.789  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.084 | 43   | 1084310  | 85.378  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.237 | 129  | 166064   | 18.097  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 168318   | 17.041  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.977 | 164  | 144713   | 16.594  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.768 | 112  | 439418   | 17.052  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 161403   | 18.188  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 831113   | 17.396  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.953 | 106  | 602143   | 34.644  | ug/l   | 89       |
| 69) o-Xylene                  | 12.280 | 106  | 299920   | 17.388  | ug/l   | 90       |
| 70) Styrene                   | 12.294 | 104  | 479874   | 17.391  | ug/l   | 95       |
| 71) Bromoform                 | 12.457 | 173  | 120341   | 17.953  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.578 | 105  | 787734   | 17.160  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.388 | 43   | 300193   | 15.994  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 263068   | 16.969  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 234708m  | 18.238  | ug/l   |          |
| 77) Bromobenzene              | 12.860 | 156  | 176240   | 17.124  | ug/l   | 77       |
| 78) n-propylbenzene           | 12.919 | 91   | 890804   | 17.352  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 559790   | 17.238  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 657915   | 17.723  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.624 | 75   | 71713    | 16.601  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 527542   | 17.387  | ug/l   | 91       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 556663   | 17.227  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 639027   | 17.909  | ug/l   | 96       |
| 85) sec                       |        |      |          |         |        |          |

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Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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