

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041525\  
 Data File : VX045793.D  
 Acq On : 15 Apr 2025 13:36  
 Operator : JC/MD  
 Sample : VX0415MBSD01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0415MBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/16/2025  
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:39:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.538          | 168  | 100338              | 50.000 | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 6.751          | 114  | 173417              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049         | 117  | 150340              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 72557               | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.946          | 65   | 93626               | 51.025 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 102.040% |        |        |          |
| 35) Dibromofluoromethane     | 5.373          | 113  | 63442               | 51.562 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 103.120% |        |        |          |
| 50) Toluene-d8               | 8.641          | 98   | 216367              | 50.382 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 100.760% |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 84382               | 53.943 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = 107.880% |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 28215               | 18.803 | ug/l   | 96       |
| 3) Chloromethane             | 1.301          | 50   | 26636               | 17.278 | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 24666               | 17.484 | ug/l   | 98       |
| 5) Bromomethane              | 1.593          | 94   | 10862               | 16.238 | ug/l   | 97       |
| 6) Chloroethane              | 1.666          | 64   | 14633               | 19.550 | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 40207               | 19.112 | ug/l   | 96       |
| 8) Diethyl Ether             | 2.130          | 74   | 12931               | 18.308 | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 24362               | 19.762 | ug/l   | 96       |
| 10) Methyl Iodide            | 2.441          | 142  | 27492               | 17.880 | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.971          | 59   | 20654               | 83.756 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 21584               | 17.919 | ug/l   | 98       |
| 13) Acrolein                 | 2.233          | 56   | 29698               | 87.454 | ug/l   | 97       |
| 14) Allyl chloride           | 2.654          | 41   | 41308               | 18.074 | ug/l   | 98       |
| 15) Acrylonitrile            | 3.056          | 53   | 70201               | 90.184 | ug/l   | 99       |
| 16) Acetone                  | 2.380          | 43   | 66091               | 87.716 | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.502          | 76   | 42158               | 14.170 | ug/l   | 99       |
| 18) Methyl Acetate           | 2.697          | 43   | 37769               | 21.772 | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 80868               | 19.192 | ug/l   | 100      |
| 20) Methylene Chloride       | 2.782          | 84   | 25611               | 18.156 | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.081          | 96   | 21991               | 17.870 | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.757          | 45   | 85577               | 19.008 | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.715          | 43   | 355789              | 91.467 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.599          | 63   | 46854               | 18.402 | ug/l   | 99       |
| 25) 2-Butanone               | 4.550          | 43   | 100131              | 90.787 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.459          | 77   | 32213               | 19.582 | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.477          | 96   | 27392               | 18.270 | ug/l   | 99       |
| 28) Bromochloromethane       | 4.879          | 49   | 24467               | 19.885 | ug/l   | 98       |
| 29) Tetrahydrofuran          | 4.995          | 42   | 63928               | 89.402 | ug/l   | 100      |
| 30) Chloroform               | 5.086          | 83   | 50154               | 19.144 | ug/l   | 97       |
| 31) Cyclohexane              | 5.458          | 56   | 40554               | 18.017 | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 41561               | 18.748 | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.678          | 75   | 30635               | 18.441 | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.708          | 43   | 35306               | 16.864 | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 34969               | 19.477 | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.373          | 83   | 38151               | 18.735 | ug/l   | 97       |
| 40) Benzene                  | 6.025          | 78   | 94946               | 18.713 | ug/l   | 99       |

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 Sample : VX0415MBS01  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 21496    | 19.460  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 41650    | 19.875  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.330  | 43   | 58908    | 18.565  | ug/l   | 99       |
| 44) Trichloroethene           | 7.117  | 130  | 22258    | 18.457  | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 24522    | 19.371  | ug/l   | 93       |
| 46) Dibromomethane            | 7.574  | 93   | 18602    | 19.142  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.812  | 83   | 36791    | 18.957  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.684  | 41   | 31082    | 18.972  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 10229    | 345.092 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 208303   | 99.028  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 59050    | 19.234  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 29926    | 17.590  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 34754    | 19.056  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 24063    | 19.669  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.110  | 69   | 36997    | 19.540  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 41529    | 19.494  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.232  | 63   | 102111   | 106.611 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 150126   | 96.378  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 25255    | 18.936  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 23829    | 19.241  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 21098    | 19.877  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.073 | 112  | 63057    | 19.628  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 21171    | 18.982  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 113852   | 19.788  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 83534    | 39.918  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 41888    | 20.319  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 68537    | 20.144  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 15450    | 18.552  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 110296   | 18.978  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 50227    | 18.067  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 36972    | 18.109  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 32515m   | 18.372  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 24630    | 18.341  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.299 | 91   | 130364   | 19.474  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 81041    | 18.936  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 93965    | 19.552  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.012 | 75   | 8265     | 15.849  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 92459    | 19.377  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 91626    | 19.257  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 94061    | 19.500  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 115630   | 19.786  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 94877    | 19.692  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 46172    | 18.889  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 45317    | 18.287  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 84395    | 20.200  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 15382    | 18.577  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 47188    | 19.417  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 7993     | 18.720  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 26399    | 19.515  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 11429    | 19.606  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 97482    | 19.364  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 27570    | 19.463  | ug/l   | 97       |

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| 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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