

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062922\  
 Data File : VX029878.D  
 Acq On : 29 Jun 2022 22:37  
 Operator : JC/MD  
 Sample : VX0629WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0629WBS02

Quant Time: Jun 30 00:04:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022  
 Supervised By :Mahesh Dadoda 07/01/2022

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 213940     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 382917     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 341012     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 163967     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 125150     | 46.213  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 92.420% |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 111642     | 46.653  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 93.300% |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 432535     | 48.180  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 96.360% |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 151824     | 47.843  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 95.680% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 45294      | 21.710  | ug/l   | 100      |
| 3) Chloromethane             | 1.288          | 50   | 49415      | 20.557  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 51180      | 21.407  | ug/l   | 98       |
| 5) Bromomethane              | 1.611          | 94   | 23958      | 18.188  | ug/l   | 98       |
| 6) Chloroethane              | 1.685          | 64   | 29919      | 19.188  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 63714      | 20.761  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 27956      | 20.322  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 42941      | 20.014  | ug/l   | 100      |
| 10) Methyl Iodide            | 2.453          | 142  | 54220      | 19.626  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 70982      | 100.223 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 45022      | 20.434  | ug/l   | 94       |
| 13) Acrolein                 | 2.239          | 56   | 37472      | 110.007 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 78537      | 19.315  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.068          | 53   | 165613     | 100.164 | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 131025     | 98.895  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.514          | 76   | 101484     | 18.524  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 79766      | 19.529  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 146939     | 19.753  | ug/l   | 94       |
| 20) Methylene Chloride       | 2.788          | 84   | 52215      | 18.661  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 47407      | 19.617  | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.763          | 45   | 163346     | 19.879  | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.727          | 43   | 706643     | 99.433  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 88248      | 20.365  | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 222619     | 96.809  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 48393      | 17.015  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 56533      | 19.814  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.897          | 49   | 36859      | 21.222  | ug/l # | 12       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 151603     | 100.179 | ug/l   | 98       |
| 30) Chloroform               | 5.099          | 83   | 84854      | 19.969  | ug/l   | 96       |
| 31) Cyclohexane              | 5.470          | 56   | 78062      | 20.674  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 67562      | 19.967  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 64063      | 20.128  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.721          | 43   | 84906      | 19.505  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 54653      | 19.817  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.385          | 83   | 75961      | 19.739  | ug/l   | 98       |
| 40) Benzene                  | 6.044          | 78   | 204059     | 19.828  | ug/l   | 98       |

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 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0629WBS02

Quant Time: Jun 30 00:04:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022  
 Supervised By :Mahesh Dadoda 07/01/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 46327    | 20.020  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 62579    | 19.812  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.348  | 43   | 127859   | 19.506  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 52457    | 18.926  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 53845    | 19.805  | ug/l   | 100      |
| 46) Dibromomethane            | 7.586  | 93   | 35131    | 19.753  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 61984    | 19.444  | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 60623    | 19.506  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.690  | 88   | 30865    | 419.395 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 429270   | 99.313  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 124820   | 20.099  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 63155    | 18.591  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 74323    | 19.361  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 52279    | 19.322  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 84522    | 19.814  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 85772    | 19.705  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 201806   | 99.141  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 332334   | 99.074  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.525  | 129  | 45268    | 18.936  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 54024    | 19.539  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 42499    | 20.662  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 133060   | 19.438  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 44351    | 19.391  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 239931   | 20.151  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 183485   | 40.181  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 91781    | 19.843  | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 148309   | 19.398  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 29785    | 18.257  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 225499   | 19.006  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 108677   | 18.501  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 85678    | 18.343  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 74344m   | 18.940  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 53048    | 18.589  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 262624   | 18.768  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 158627   | 19.067  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 185078   | 18.791  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 21622    | 17.494  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 177538   | 18.731  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 184026   | 18.853  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 188600   | 19.115  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 229105   | 18.626  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 187288   | 19.077  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 104491   | 19.071  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 104705   | 18.728  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 169504   | 18.367  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.542 | 117  | 29202    | 18.234  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 105524   | 19.604  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 19066    | 19.534  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 57449    | 17.612  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 19258    | 15.960  | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 251423   | 18.985  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 60424    | 18.094  | ug/l   | 99       |

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Manual Integrations  
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Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 00:04:20 2022  
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Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:54:51 2022  
Response via : Initial Calibration

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

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

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