

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100521\  
 Data File : VX024565.D  
 Acq On : 05 Oct 2021 12:55  
 Operator : JC/MD  
 Sample : VX1005WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2021 7:03:50 PM

Quant Time: Oct 05 16:41:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 180867     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 286056     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 250629     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 127595     | 50.00  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 123062     | 48.28  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 96.56% |       |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 94717      | 49.84  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 99.68% |       |          |
| 50) Toluene-d8               | 8.653          | 98   | 348879     | 49.88  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 99.76% |       |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 128275     | 46.65  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 93.30% |       |          |
| Target Compounds             |                |      |            |        |       |          |
|                              |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 32474      | 17.84  | ug/l  | 97       |
| 3) Chloromethane             | 1.294          | 50   | 32130      | 18.73  | ug/l  | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 33188      | 18.49  | ug/l  | 100      |
| 5) Bromomethane              | 1.599          | 94   | 20955      | 17.35  | ug/l  | 93       |
| 6) Chloroethane              | 1.685          | 64   | 18596      | 15.74  | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 50342      | 15.90  | ug/l  | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 18536      | 17.20  | ug/l  | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 34184      | 19.14  | ug/l  | 95       |
| 10) Methyl Iodide            | 2.453          | 142  | 36520      | 14.62  | ug/l  | 95       |
| 11) Tert butyl alcohol       | 2.971          | 59   | 52570      | 80.28  | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 31218      | 18.83  | ug/l  | 93       |
| 13) Acrolein                 | 2.239          | 56   | 11987      | 93.51  | ug/l  | 99       |
| 14) Allyl chloride           | 2.666          | 41   | 57892      | 19.10  | ug/l  | 96       |
| 15) Acrylonitrile            | 3.068          | 53   | 116661     | 100.74 | ug/l  | 99       |
| 16) Acetone                  | 2.386          | 43   | 106069     | 92.22  | ug/l  | 93       |
| 17) Carbon Disulfide         | 2.514          | 76   | 71304      | 16.84  | ug/l  | 98       |
| 18) Methyl Acetate           | 2.709          | 43   | 75231      | 19.71  | ug/l  | 92       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 125735     | 20.12  | ug/l  | 95       |
| 20) Methylene Chloride       | 2.794          | 84   | 39097      | 19.81  | ug/l  | 93       |
| 21) trans-1,2-Dichloroethene | 3.099          | 96   | 34741      | 18.45  | ug/l  | 99       |
| 22) Diisopropyl ether        | 3.770          | 45   | 120491     | 19.46  | ug/l  | 97       |
| 23) Vinyl Acetate            | 3.727          | 43   | 491090     | 97.93  | ug/l  | 95       |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 67330      | 19.58  | ug/l  | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 167315     | 95.31  | ug/l  | 93       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 55738      | 18.02  | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 42442      | 19.29  | ug/l  | 99       |
| 28) Bromochloromethane       | 4.910          | 49   | 26001      | 16.66  | ug/l  | 98       |
| 29) Tetrahydrofuran          | 5.019          | 42   | 107244     | 95.87  | ug/l  | 91       |
| 30) Chloroform               | 5.105          | 83   | 72337      | 19.05  | ug/l  | 96       |
| 31) Cyclohexane              | 5.477          | 56   | 56421      | 18.48  | ug/l  | 97       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 62384      | 18.50  | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 48917      | 17.84  | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.727          | 43   | 62787      | 18.34  | ug/l  | 95       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 53835      | 18.03  | ug/l  | 100      |
| 39) Methylcyclohexane        | 7.385          | 83   | 58656      | 18.27  | ug/l  | 97       |
| 40) Benzene                  | 6.044          | 78   | 148459     | 18.93  | ug/l  | 98       |

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 Sample : VX1005WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2021 7:03:50 PM

Quant Time: Oct 05 16:41:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 34278    | 19.39  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 59137    | 17.96  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 95350    | 18.32  | ug/l   | 95       |
| 44) Trichloroethene           | 7.129  | 130  | 40509    | 18.78  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 39790    | 19.67  | ug/l   | 99       |
| 46) Dibromomethane            | 7.586  | 93   | 28178    | 18.57  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.830  | 83   | 51978    | 18.70  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 47602    | 18.47  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 21720    | 367.92 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 323886   | 94.25  | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92   | 96526    | 19.06  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 58195    | 18.47  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 62416    | 19.48  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 42399    | 20.24  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 64398    | 19.32  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 69607    | 19.70  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 144528   | 87.83  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 240723   | 88.95  | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.525  | 129  | 39005    | 17.21  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 42086    | 18.30  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 35707    | 20.59  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 99988    | 19.15  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 38070    | 19.56  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 172586   | 18.67  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.305 | 106  | 135926   | 38.35  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 66737    | 19.04  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 112533   | 19.20  | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 28003    | 18.07  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 181251   | 20.09  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 78688    | 18.97  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 63699    | 19.97  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 60332m   | 20.82  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 44978    | 19.38  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 201379   | 19.10  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 125224   | 19.49  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 153295   | 19.89  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 17961    | 18.36  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 148110   | 19.60  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 150889   | 19.53  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 156672   | 20.45  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 188810   | 19.87  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 157417   | 19.42  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 83044    | 18.79  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 83087    | 18.20  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 136459   | 19.02  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 24054    | 18.05  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 83496    | 19.11  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 14653    | 19.02  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 51603    | 18.55  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 23046    | 18.11  | ug/l   | 100      |
| 95) Naphthalene               | 13.780 | 128  | 170620   | 19.16  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 53311    | 18.70  | ug/l   | 98       |

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Oct 05 16:41:39 2021  
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Quant Title : SW846 8260  
QLast Update : Thu Sep 23 18:24:34 2021  
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

