

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072621\  
 Data File : VX023442.D  
 Acq On : 26 Jul 2021 11:37  
 Operator : JC/MD  
 Sample : VX0726WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0726WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2021 3:56:56 PM

Quant Time: Jul 27 03:26:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 230274   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 368344   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 322209   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 142326   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 145185   | 50.544   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 101.080% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 115706   | 50.240   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 100.480% |          |
| 50) Toluene-d8               | 8.653  | 98    | 433384   | 51.219   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 102.440% |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 146520   | 50.924   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 101.840% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 41655    | 19.662   | ug/l       | 99       |
| 3) Chloromethane             | 1.294  | 50    | 45132    | 18.288   | ug/l       | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 47693    | 19.091   | ug/l       | 98       |
| 5) Bromomethane              | 1.599  | 94    | 33981    | 22.912   | ug/l       | 99       |
| 6) Chloroethane              | 1.685  | 64    | 30221    | 19.712   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 77720    | 19.311   | ug/l       | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 27588    | 18.571   | ug/l       | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 44736    | 19.619   | ug/l       | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 45278    | 15.849   | ug/l       | 96       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 62496    | 95.241   | ug/l       | 98       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 42838    | 18.933   | ug/l       | 99       |
| 13) Acrolein                 | 2.239  | 56    | 37308    | 112.594  | ug/l       | 96       |
| 14) Allyl chloride           | 2.666  | 41    | 74942    | 18.218   | ug/l       | 93       |
| 15) Acrylonitrile            | 3.068  | 53    | 141722   | 95.644   | ug/l       | 98       |
| 16) Acetone                  | 2.386  | 43    | 126592   | 89.841   | ug/l       | 96       |
| 17) Carbon Disulfide         | 2.514  | 76    | 95067    | 17.039   | ug/l       | 100      |
| 18) Methyl Acetate           | 2.709  | 43    | 63386    | 18.923   | ug/l       | 94       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 150497   | 19.130   | ug/l       | 98       |
| 20) Methylene Chloride       | 2.794  | 84    | 49113    | 17.919   | ug/l       | 93       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 45142    | 18.781   | ug/l       | 97       |
| 22) Diisopropyl ether        | 3.769  | 45    | 155793   | 19.186   | ug/l       | 99       |
| 23) Vinyl Acetate            | 3.727  | 43    | 693781   | 96.785   | ug/l       | 94       |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 85526    | 19.163   | ug/l       | 96       |
| 25) 2-Butanone               | 4.568  | 43    | 206131   | 94.230   | ug/l       | 93       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 69529    | 19.047   | ug/l       | 100      |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 52599    | 18.843   | ug/l       | 96       |
| 28) Bromochloromethane       | 4.910  | 49    | 40628    | 19.505   | ug/l       | 95       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 134727   | 93.960   | ug/l       | 89       |
| 30) Chloroform               | 5.105  | 83    | 87184    | 19.085   | ug/l       | 94       |
| 31) Cyclohexane              | 5.477  | 56    | 76777    | 18.043   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 74303    | 19.032   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 64479    | 19.351   | ug/l       | 99       |
| 37) Ethyl Acetate            | 4.727  | 43    | 78861    | 18.771   | ug/l       | 94       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 64027    | 18.895   | ug/l       | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 81556    | 19.381   | ug/l       | 96       |
| 40) Benzene                  | 6.043  | 78    | 192486   | 19.483   | ug/l       | 99       |

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 Sample : VX0726WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0726WBS01

Manual Integrations  
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MMDadoda  
 7/27/2021 3:56:56 PM

Quant Time: Jul 27 03:26:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 42035    | 18.949  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 70456    | 19.288  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 123810   | 19.018  | ug/l   | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 52010    | 19.163  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 49882    | 19.081  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 34773    | 19.610  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 61736    | 19.324  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.696  | 41   | 59458    | 19.721  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 25339    | 394.683 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 404560   | 101.601 | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 119957   | 19.599  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 69125    | 18.257  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 75556    | 18.971  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 50055    | 20.196  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 76693    | 19.304  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 83337    | 19.788  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 200472   | 95.254  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 306267   | 101.288 | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.525  | 129  | 46735    | 18.321  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 51860    | 19.612  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 51517    | 20.090  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 126983   | 19.255  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 46281    | 18.882  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 225013   | 19.673  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 171413   | 38.968  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 83626    | 19.175  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 135607   | 19.625  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 30244    | 17.675  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 219542   | 20.442  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 97467    | 19.893  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 69433    | 19.847  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 65725m   | 20.985  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 52471    | 20.254  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 250072   | 20.574  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 146372   | 20.153  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 182599   | 20.878  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 21323    | 18.306  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 164429   | 20.011  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 173985   | 20.280  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 180576   | 20.756  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.896 | 105  | 225125   | 20.238  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 184127   | 20.497  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 95710    | 19.969  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 94419    | 19.414  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 159549   | 19.620  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 26862    | 17.961  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 92922    | 20.023  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 13978    | 17.890  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 56749    | 19.463  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 25044    | 19.139  | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 197661   | 19.717  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 57155    | 19.412  | ug/l   | 99       |

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Response via : Initial Calibration

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

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

