

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020724\  
 Data File : VX040163.D  
 Acq On : 07 Feb 2024 19:33  
 Operator : JC/MD  
 Sample : VX0207WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBSD01

Quant Time: Feb 08 00:36:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 01 05:44:39 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/19/2024  
 Supervised By :Semsettin Yesilyurt 02/19/2024

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Pentafluorobenzene        | 5.555          | 168  | 56291                | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 108582               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 104412               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 51981                | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 56417                | 62.275  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 124.560%# |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 38751                | 52.426  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 104.860%  |         |        |          |
| 50) Toluene-d8               | 8.652          | 98   | 142616               | 51.593  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 103.180%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 57635                | 54.149  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 108.300%  |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 12069                | 19.036  | ug/l   | 96       |
| 3) Chloromethane             | 1.300          | 50   | 13708                | 22.798  | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.373          | 62   | 14089                | 25.336  | ug/l   | 99       |
| 5) Bromomethane              | 1.605          | 94   | 11813                | 21.852  | ug/l   | 96       |
| 6) Chloroethane              | 1.684          | 64   | 8892                 | 24.221  | ug/l # | 82       |
| 7) Trichlorofluoromethane    | 1.885          | 101  | 20869                | 23.587  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.135          | 74   | 8216                 | 26.265  | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 2.330          | 101  | 13233                | 20.045  | ug/l   | 93       |
| 10) Methyl Iodide            | 2.452          | 142  | 12514                | 17.807  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.964          | 59   | 18062                | 109.879 | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 2.318          | 96   | 12166                | 19.216  | ug/l   | 94       |
| 13) Acrolein                 | 2.239          | 56   | 18097                | 114.908 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 24389                | 21.371  | ug/l   | 95       |
| 15) Acrylonitrile            | 3.062          | 53   | 46751                | 113.537 | ug/l   | 99       |
| 16) Acetone                  | 2.379          | 43   | 41408                | 97.552  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.513          | 76   | 34635                | 18.710  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.702          | 43   | 22480                | 22.355  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 45227                | 20.853  | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788          | 84   | 15782                | 20.922  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.092          | 96   | 13699                | 19.647  | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.763          | 45   | 50750                | 22.957  | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.727          | 43   | 231429               | 116.978 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 27848                | 21.995  | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 64672                | 109.602 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.476          | 77   | 16626                | 16.830  | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 15219                | 19.562  | ug/l   | 97       |
| 28) Bromochloromethane       | 4.903          | 49   | 15684                | 26.566  | ug/l   | 86       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 44189                | 117.781 | ug/l   | 98       |
| 30) Chloroform               | 5.104          | 83   | 28117                | 20.682  | ug/l   | 97       |
| 31) Cyclohexane              | 5.464          | 56   | 22630                | 19.942  | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 22424                | 19.219  | ug/l   | 94       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 20907                | 19.557  | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.720          | 43   | 24984                | 21.400  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 17071                | 16.690  | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.378          | 83   | 22391                | 17.215  | ug/l   | 98       |
| 40) Benzene                  | 6.037          | 78   | 57662                | 18.520  | ug/l   | 96       |

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 Sample : VX0207WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBSD01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 02/19/2024  
 Supervised By :Semsettin Yesilyurt 02/19/2024

Quant Time: Feb 08 00:36:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 01 05:44:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 13497    | 22.796  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 23866    | 19.912  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 40466    | 21.980  | ug/l   | 98       |
| 44) Trichloroethene           | 7.128  | 130  | 14462    | 17.651  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 15792    | 19.210  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 11724    | 19.000  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.823  | 83   | 20114    | 18.303  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.695  | 41   | 19632    | 21.647  | ug/l # | 90       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 7968     | 404.305 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 137855   | 109.690 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 37002    | 19.067  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 20437    | 17.930  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 22951    | 18.871  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 14458    | 17.999  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 23726    | 20.227  | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 25556    | 19.315  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 71298    | 120.873 | ug/l   | 91       |
| 59) 2-Hexanone                | 9.433  | 43   | 109566   | 109.342 | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.524  | 129  | 14413    | 17.857  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 16249    | 18.711  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.274  | 164  | 11345    | 16.699  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 38261    | 17.728  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 12587    | 17.270  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 72281    | 18.666  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.305 | 106  | 53519    | 36.738  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 25485    | 18.443  | ug/l   | 90       |
| 70) Styrene                   | 10.658 | 104  | 42589    | 18.287  | ug/l   | 99       |
| 71) Bromoform                 | 10.798 | 173  | 9482     | 17.005  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 68769    | 18.424  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 35331    | 20.635  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 26467    | 18.860  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 22900m   | 20.688  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 15755    | 18.298  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.304 | 91   | 87234    | 18.992  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 51048    | 18.461  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 60878    | 18.973  | ug/l   | 91       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 5388     | 17.055  | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 60417    | 19.036  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 55256    | 17.996  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.749 | 105  | 59048    | 18.442  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 74206    | 18.242  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 58699    | 17.671  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 31221    | 17.974  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 32133    | 18.072  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 57117    | 17.715  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.536 | 117  | 9014     | 17.573  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 30650    | 18.301  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 6069     | 19.078  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 17852    | 17.052  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 5287     | 12.820  | ug/l   | 94       |
| 95) Naphthalene               | 13.774 | 128  | 66002    | 18.562  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 17810    | 17.206  | ug/l   | 99       |

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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBSD01

Manual Integrations  
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Supervised By :Semsettin Yesilyurt 02/19/2024

Quant Time: Feb 08 00:36:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 01 05:44:39 2024  
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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