

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112524\  
 Data File : VX043980.D  
 Acq On : 25 Nov 2024 12:41  
 Operator : JC/MD  
 Sample : VX1125WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1125WBS01

Quant Time: Nov 26 00:45:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024  
 Supervised By :Semsettin Yesilyurt 11/26/2024

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.544          | 168  | 129078     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 232630     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049         | 117  | 200729     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 89446      | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 111972     | 50.577   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 101.160% |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 82126      | 49.406   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 98.820%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 279748     | 48.822   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 97.640%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 92231      | 47.296   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 94.600%  |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 27858      | 17.036   | ug/l   | 96       |
| 3) Chloromethane             | 1.294          | 50   | 31484      | 18.297   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 32067      | 17.520   | ug/l   | 97       |
| 5) Bromomethane              | 1.593          | 94   | 23162      | 20.571   | ug/l   | 96       |
| 6) Chloroethane              | 1.666          | 64   | 21661      | 19.423   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.868          | 101  | 62260      | 19.027   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 21810      | 18.287   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 27391      | 17.549   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.447          | 142  | 35527      | 18.224   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.995          | 59   | 30305      | 85.282   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 25636      | 17.236   | ug/l   | 92       |
| 13) Acrolein                 | 2.233          | 56   | 29794      | 79.545   | ug/l   | 99       |
| 14) Allyl chloride           | 2.654          | 41   | 43363      | 17.842   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062          | 53   | 78411      | 90.547   | ug/l   | 99       |
| 16) Acetone                  | 2.380          | 43   | 89315      | 87.837   | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.502          | 76   | 46168      | 15.048   | ug/l   | 96       |
| 18) Methyl Acetate           | 2.703          | 43   | 43353      | 18.308   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 102397     | 18.961   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.782          | 84   | 30699      | 17.791   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 27476      | 17.893   | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.757          | 45   | 101204     | 19.474   | ug/l # | 87       |
| 23) Vinyl Acetate            | 3.721          | 43   | 413005     | 92.903   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 57833      | 19.291   | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 119828     | 91.330   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 50034      | 18.480   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 35442      | 18.672   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.891          | 49   | 28155      | 21.335   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 71632      | 89.055   | ug/l   | 99       |
| 30) Chloroform               | 5.086          | 83   | 62792      | 19.474   | ug/l   | 95       |
| 31) Cyclohexane              | 5.458          | 56   | 44185      | 17.907   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 53725      | 19.321   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 39005      | 18.830   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.715          | 43   | 43604      | 16.958   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 41358      | 17.769   | ug/l   | 93       |
| 39) Methylcyclohexane        | 7.373          | 83   | 45874      | 17.047   | ug/l   | 96       |
| 40) Benzene                  | 6.031          | 78   | 121280     | 18.797   | ug/l   | 98       |

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 Sample : VX1125WBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1125WBS01

Quant Time: Nov 26 00:45:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024  
 Supervised By :Semsettin Yesilyurt 11/26/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 24395    | 18.537  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 49414    | 19.069  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 74800    | 18.280  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 29451    | 16.124  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 31342    | 19.833  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 23880    | 19.103  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 42158    | 18.804  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 34847    | 17.747  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 7.671  | 88   | 11205    | 320.363 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 230680   | 92.377  | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 73761    | 19.100  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 41513    | 18.157  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 46516    | 18.559  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 29828    | 18.711  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 45352    | 18.265  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 52347    | 19.493  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 104808   | 76.406  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 170135   | 90.646  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 28665    | 17.922  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 29826    | 18.503  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 23911    | 18.065  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 81986    | 18.597  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 27274    | 19.076  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 139010   | 18.608  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 103991   | 37.328  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 50858    | 18.698  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 83849    | 18.638  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 15846    | 15.994  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 130876   | 19.035  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 56876    | 17.857  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 45016    | 19.121  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 37299m   | 19.015  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 31131    | 18.980  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 145673   | 18.970  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 92824    | 19.116  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 112233   | 19.841  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 11075    | 15.407  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 104709   | 19.100  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 107369   | 19.150  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 111539   | 19.806  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 125802   | 18.313  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 108552   | 19.454  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 55631    | 18.623  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 56264    | 18.474  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 91448    | 18.588  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 15872    | 16.728  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 56883    | 18.869  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 7772     | 16.475  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 30614    | 17.225  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 13180    | 18.763  | ug/l   | 93       |
| 95) Naphthalene               | 13.774 | 128  | 113362   | 17.718  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 32142    | 17.867  | ug/l   | 96       |

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Manual Integrations  
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Reviewed By :Mahesh Dadoda 11/26/2024  
Supervised By :Semsettin Yesilyurt 11/26/2024

Quant Time: Nov 26 00:45:12 2024  
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Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 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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