

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043586.D  
 Acq On : 29 Oct 2024 10:57  
 Operator : JC/MD  
 Sample : VX1029WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBS01

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024  
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:26:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.544          | 168  | 202431     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 352202     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 294857     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 142936     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 135908     | 42.105  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 84.220% |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 111394     | 46.642  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 93.280% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 399169     | 48.283  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 96.560% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 144111     | 47.042  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 94.080% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 40027      | 18.489  | ug/l   | 100      |
| 3) Chloromethane             | 1.294          | 50   | 44310      | 16.012  | ug/l   | 92       |
| 4) Vinyl Chloride            | 1.374          | 62   | 46678      | 18.174  | ug/l   | 99       |
| 5) Bromomethane              | 1.593          | 94   | 18192      | 17.375  | ug/l   | 97       |
| 6) Chloroethane              | 1.660          | 64   | 17156m     | 18.960  | ug/l   |          |
| 7) Trichlorofluoromethane    | 1.861          | 101  | 64804      | 20.654  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 25896      | 17.863  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.312          | 101  | 45384      | 21.388  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.440          | 142  | 57476      | 18.748  | ug/l   | 97       |
| 11) Tert butyl alcohol       | 3.007          | 59   | 56407m     | 93.626  | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 42035      | 19.385  | ug/l   | 92       |
| 13) Acrolein                 | 2.239          | 56   | 40906      | 86.821  | ug/l   | 99       |
| 14) Allyl chloride           | 2.654          | 41   | 68347      | 18.223  | ug/l   | 96       |
| 15) Acrylonitrile            | 3.068          | 53   | 115840     | 85.162  | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 118332     | 92.319  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.501          | 76   | 82388      | 18.170  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.703          | 43   | 60142      | 16.054  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 143107     | 17.354  | ug/l   | 100      |
| 20) Methylene Chloride       | 2.782          | 84   | 47149      | 17.068  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.081          | 96   | 44262      | 19.321  | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757          | 45   | 139725     | 18.024  | ug/l   | 92       |
| 23) Vinyl Acetate            | 3.721          | 43   | 571697     | 89.264  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 79799      | 17.909  | ug/l   | 98       |
| 25) 2-Butanone               | 4.556          | 43   | 160914     | 86.062  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 72610      | 19.908  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 53987      | 18.448  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.891          | 49   | 37071      | 17.489  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 100228     | 82.487  | ug/l   | 98       |
| 30) Chloroform               | 5.086          | 83   | 84330      | 18.055  | ug/l   | 99       |
| 31) Cyclohexane              | 5.458          | 56   | 69310      | 20.338  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 76151      | 19.420  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.684          | 75   | 56285      | 19.875  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.714          | 43   | 60171      | 17.501  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 62906      | 20.104  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.373          | 83   | 75030      | 21.340  | ug/l   | 99       |
| 40) Benzene                  | 6.031          | 78   | 178716     | 18.917  | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043586.D  
 Acq On : 29 Oct 2024 10:57  
 Operator : JC/MD  
 Sample : VX1029WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBS01

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024  
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:26:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 33159    | 18.374  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 62263    | 18.332  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 100112   | 17.607  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 46116    | 19.649  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 42277    | 18.174  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 32080    | 17.910  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.818  | 83   | 57532    | 18.310  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 48326    | 17.927  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 23130    | 417.634 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 312558   | 90.192  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 113851   | 19.871  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 59568    | 17.650  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 70181    | 19.517  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 44829    | 18.797  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 69497    | 17.934  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 74400    | 18.757  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 172110   | 91.703  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 240151   | 91.242  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 44184    | 18.709  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 45897    | 18.539  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.269  | 164  | 39340    | 21.213  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 123286   | 19.435  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 40788    | 19.685  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 209043   | 20.209  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 160547   | 40.586  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 79997    | 20.128  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 133590   | 20.223  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 26501    | 17.788  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 207962   | 20.539  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 89068    | 18.058  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 67422    | 18.518  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 54362m   | 17.788  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 50119    | 19.170  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 227750   | 20.630  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 143898   | 19.657  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 171034   | 20.260  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 19932    | 17.942  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 162418   | 19.767  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 176326   | 20.537  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 176438   | 20.508  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 214438   | 21.308  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 180325   | 21.080  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 92275    | 19.691  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 93923    | 19.343  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 148112   | 21.249  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 28082    | 20.210  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 92312    | 19.265  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 12277    | 16.540  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 55722    | 19.158  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 22819    | 21.279  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 207496   | 18.643  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 57807    | 18.850  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
Data File : VX043586.D  
Acq On : 29 Oct 2024 10:57  
Operator : JC/MD  
Sample : VX1029WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBS01

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024  
Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:26:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

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

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

