

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043587.D  
 Acq On : 29 Oct 2024 11:20  
 Operator : JC/MD  
 Sample : VX1029WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD01

Manual Integrations  
 APPROVED

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

Quant Time: Oct 30 01:27:53 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        | 5.550          | 168  | 180366     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 312050     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 270005     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 131226     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 123296     | 42.871   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 85.740%  |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 99899      | 47.211   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 94.420%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 366426     | 50.025   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 100.060% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 135860     | 50.055   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 100.100% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 35143      | 18.219   | ug/l   | 98       |
| 3) Chloromethane             | 1.294          | 50   | 40942      | 16.605   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 41339      | 18.065   | ug/l   | 98       |
| 5) Bromomethane              | 1.593          | 94   | 17344      | 18.591   | ug/l   | 94       |
| 6) Chloroethane              | 1.660          | 64   | 15277      | 18.949   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.861          | 101  | 57506      | 20.570   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 23314      | 18.050   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.313          | 101  | 37452      | 19.809   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.441          | 142  | 53263      | 19.499   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 3.008          | 59   | 57011m     | 106.205  | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.307          | 96   | 36845      | 19.070   | ug/l   | 96       |
| 13) Acrolein                 | 2.239          | 56   | 39535      | 94.177   | ug/l   | 100      |
| 14) Allyl chloride           | 2.660          | 41   | 61519      | 18.409   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.069          | 53   | 109405     | 90.270   | ug/l   | 99       |
| 16) Acetone                  | 2.392          | 43   | 109359     | 95.756   | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.502          | 76   | 73159      | 18.108   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 57203      | 17.138   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 131788     | 17.936   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.782          | 84   | 41826      | 16.993   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 38207      | 18.718   | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.764          | 45   | 127741     | 18.494   | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.721          | 43   | 526774     | 92.311   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 72922      | 18.368   | ug/l   | 98       |
| 25) 2-Butanone               | 4.562          | 43   | 152135     | 91.321   | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 61908      | 19.050   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 48502      | 18.602   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.898          | 49   | 35416      | 18.753   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.007          | 42   | 96260      | 88.912   | ug/l   | 98       |
| 30) Chloroform               | 5.086          | 83   | 75982      | 18.258   | ug/l   | 98       |
| 31) Cyclohexane              | 5.458          | 56   | 60944      | 20.070   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 66644      | 19.074   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.684          | 75   | 50726      | 20.217   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.715          | 43   | 57527      | 18.885   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 55313      | 19.952   | ug/l   | 95       |
| 39) Methylcyclohexane        | 7.373          | 83   | 65547      | 21.041   | ug/l   | 95       |
| 40) Benzene                  | 6.031          | 78   | 162811     | 19.451   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043587.D  
 Acq On : 29 Oct 2024 11:20  
 Operator : JC/MD  
 Sample : VX1029WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBSD01

Manual Integrations  
 APPROVED

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

Quant Time: Oct 30 01:27:53 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   | 30340    | 18.975  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 57693    | 19.172  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 94365    | 18.732  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 40576    | 19.513  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 39286    | 19.061  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 30214    | 19.039  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 52666    | 18.918  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 45342    | 18.984  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 22833    | 465.320 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 303410   | 98.818  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 102358   | 20.164  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 57218    | 19.136  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 64125    | 20.128  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 42874    | 20.290  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 67171    | 19.564  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 69379    | 19.741  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 161188   | 96.934  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 235915   | 101.166 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 41001    | 19.595  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 43112    | 19.655  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 35803    | 21.083  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 114879   | 19.776  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 39255    | 20.689  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 191684   | 20.237  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 151758   | 41.895  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 75831    | 20.836  | ug/l   | 97       |
| 70) Styrene                   | 10.653 | 104  | 124213   | 20.534  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 25655    | 18.805  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 190648   | 20.509  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 86862    | 19.182  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 65393    | 19.563  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 52914m   | 18.859  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 46994    | 19.579  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 208848   | 20.606  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 133377   | 19.846  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 161261   | 20.806  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 18827    | 18.460  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 150670   | 19.974  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 165824   | 21.037  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 163892   | 20.749  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 197051   | 21.328  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 164691   | 20.970  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 85827    | 19.950  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 85335    | 19.143  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 132178   | 20.655  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 25551    | 20.029  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 88551    | 20.129  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 12736    | 18.690  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 51206    | 19.176  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 20393    | 20.713  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 200939   | 19.665  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 53643    | 19.053  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
Data File : VX043587.D  
Acq On : 29 Oct 2024 11:20  
Operator : JC/MD  
Sample : VX1029WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBSD01

Manual Integrations  
APPROVED

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

Quant Time: Oct 30 01:27:53 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

