

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092622\  
 Data File : VX031666.D  
 Acq On : 26 Sep 2022 22:52  
 Operator : JC/MD  
 Sample : VX0926WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0926WBS02

Quant Time: Sep 27 01:56:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/27/2022  
 Supervised By :Mahesh Dadoda 09/28/2022

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 55650               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 85371               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 102928              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 80941               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 61843               | 52.360  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 104.720% |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 50110               | 49.262  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 98.520%  |         |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 195715              | 53.071  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 106.140% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 75997               | 56.225  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 112.460% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 13980               | 20.642  | ug/l   | 98       |
| 3) Chloromethane             | 1.288          | 50   | 14436               | 22.411  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.368          | 62   | 19967               | 21.422  | ug/l   | 96       |
| 5) Bromomethane              | 1.611          | 94   | 25358               | 27.739  | ug/l   | 98       |
| 6) Chloroethane              | 1.685          | 64   | 22933               | 19.980  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 48137               | 18.928  | ug/l   | 95       |
| 8) Diethyl Ether             | 2.130          | 74   | 16734               | 23.603  | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 14590               | 19.723  | ug/l   | 90       |
| 10) Methyl Iodide            | 2.453          | 142  | 14621               | 20.164  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 2.995          | 59   | 16852               | 92.854  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 13023               | 21.325  | ug/l   | 89       |
| 13) Acrolein                 | 2.239          | 56   | 8622                | 105.737 | ug/l   | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 19347               | 19.878  | ug/l   | 92       |
| 15) Acrylonitrile            | 3.069          | 53   | 43220               | 105.437 | ug/l   | 98       |
| 16) Acetone                  | 2.392          | 43   | 34381               | 115.488 | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.508          | 76   | 25265               | 19.443  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 22226               | 20.941  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 55338               | 21.065  | ug/l   | 93       |
| 20) Methylene Chloride       | 2.788          | 84   | 17174               | 22.047  | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 15816               | 19.340  | ug/l   | 90       |
| 22) Diisopropyl ether        | 3.757          | 45   | 52831               | 21.091  | ug/l # | 82       |
| 23) Vinyl Acetate            | 3.721          | 43   | 208831              | 105.416 | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 28409               | 19.672  | ug/l   | 98       |
| 25) 2-Butanone               | 4.562          | 43   | 60336               | 107.021 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 19519               | 16.653  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 20283               | 20.251  | ug/l   | 87       |
| 28) Bromochloromethane       | 4.897          | 49   | 14439               | 21.374  | ug/l   | 84       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 37741               | 106.563 | ug/l # | 87       |
| 30) Chloroform               | 5.099          | 83   | 35870               | 20.191  | ug/l   | 98       |
| 31) Cyclohexane              | 5.471          | 56   | 22558               | 20.087  | ug/l # | 82       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 30154               | 20.494  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 22460               | 19.226  | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.715          | 43   | 24194               | 20.533  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 25854               | 19.638  | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.385          | 83   | 25582               | 19.220  | ug/l   | 92       |
| 40) Benzene                  | 6.044          | 78   | 72020               | 20.073  | ug/l   | 99       |

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 Sample : VX0926WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0926WBS02

Quant Time: Sep 27 01:56:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/27/2022  
 Supervised By :Mahesh Dadoda 09/28/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 12856    | 21.442  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 28985    | 20.888  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 40678    | 21.934  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 21026    | 20.748  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 18135    | 20.826  | ug/l   | 90       |
| 46) Dibromomethane            | 7.580  | 93   | 14681    | 20.994  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.824  | 83   | 26073    | 20.661  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 18365    | 22.517  | ug/l   | 85       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 9766     | 470.230 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 136074   | 115.920 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 51300    | 21.450  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 25401    | 18.656  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 27376    | 20.875  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 22475    | 21.827  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 28966    | 21.987  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 34584    | 21.208  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 72511    | 111.775 | ug/l   | 93       |
| 59) 2-Hexanone                | 9.433  | 43   | 105417   | 120.362 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.525  | 129  | 21838    | 19.144  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 23472    | 22.456  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 21360    | 19.415  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 58154    | 20.280  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 21212    | 20.559  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 100666   | 20.637  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 82940    | 42.317  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 40119    | 20.942  | ug/l   | 100      |
| 70) Styrene                   | 10.659 | 104  | 66267    | 21.251  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 14681    | 18.043  | ug/l # | 95       |
| 73) Isopropylbenzene          | 10.963 | 105  | 106082   | 20.266  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 36328    | 21.395  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 35201    | 21.164  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 30453m   | 20.753  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 26285    | 19.753  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 122611   | 21.050  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 74073    | 20.594  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 92963    | 20.951  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 7360     | 19.074  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 88837    | 21.378  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 91401    | 21.361  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 94129    | 21.432  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 113590   | 20.888  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 97467    | 20.784  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 52351    | 20.293  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 53697    | 19.886  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 79399    | 20.727  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 14196    | 18.879  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 54163    | 20.966  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 7217     | 21.655  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 30655    | 20.291  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 10998    | 18.669  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 113491   | 22.490  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 30774    | 19.848  | ug/l   | 99       |

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Sample : VX0926WBS02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 09/27/2022  
Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 01:56:52 2022  
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Quant Title : SW846 8260  
QLast Update : Tue Sep 27 01:44:18 2022  
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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