Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
Data File : VX043247.D
Acq On : 03 Oct 2024 09:23
Operator : JC/MD
Sample : VX1003WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 01:25:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1003WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 109927 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 192780 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 172309 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 79193 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 90200 | 50.243 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 100.480% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 64271 | 48.343 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 96.680% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 229198 | 49.747 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 99.500% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 86347 | 51.588 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 103.180% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 23885 | 18.680 | ug/l | 94 |
| 3) Chloromethane | 1.294 | 50 | 24619 | 18.695 | ug/l | 96 |
| 4) Vinyl Chloride | 1.374 | 62 | 24642 | 18.681 | ug/l | 100 |
| 5) Bromomethane | 1.599 | 94 | 9708 | 18.014 | ug/l | 98 |
| 6) Chloroethane | 1.666 | 64 | 10078 | 20.517 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.873 | 101 | 38364 | 19.466 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 14315 | 18.664 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.318 | 101 | 22398 | 18.211 | ug/l | 100 |
| 10) Methyl Iodide | 2.447 | 142 | 28548 | 18.480 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.995 | 59 | 36335 | 106.357 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.312 | 96 | 21973 | 17.991 | ug/l | 94 |
| 13) Acrolein | 2.239 | 56 | 28302 | 87.712 | ug/l | 99 |
| 14) Allyl chloride | 2.660 | 41 | 38259 | 19.067 | ug/l | 98 |
| 15) Acrylonitrile | 3.068 | 53 | 67020 | 96.073 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 73408 | 97.914 | ug/l | 100 |
| 17) Carbon Disulfide | 2.507 | 76 | 49126 | 16.537 | ug/l | 99 |
| 18) Methyl Acetate | 2.709 | 43 | 38650 | 20.550 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 81951 | 18.755 | ug/l | 99 |
| 20) Methylene Chloride | 2.788 | 84 | 25164 | 18.204 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 22185 | 18.251 | ug/l | 93 |
| 22) Diisopropyl ether | 3.763 | 45 | 77735 | 19.261 | ug/l | 97 |
| 23) Vinyl Acetate | 3.721 | 43 | 463822 | 106.724 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 44069 | 18.743 | ug/l | 98 |
| 25) 2-Butanone | 4.562 | 43 | 101633 | 98.868 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 43135 | 19.282 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.489 | 96 | 27928 | 18.423 | ug/l | 99 |
| 28) Bromochloromethane | 4.897 | 49 | 19668 | 21.203 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.013 | 42 | 63308 | 96.674 | ug/l | 99 |
| 30) Chloroform | 5.092 | 83 | 48595 | 18.821 | ug/l | 97 |
| 31) Cyclohexane | 5.464 | 56 | 34737 | 17.932 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 43636 | 18.399 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.690 | 75 | 30859 | 18.373 | ug/l | 99 |
| 37) Ethyl Acetate | 4.721 | 43 | 38031 | 18.856 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.672 | 117 | 36144 | 18.178 | ug/l | 99 |
| 39) Methylcyclohexane | 7.379 | 83 | 38212 | 18.089 | ug/l | 98 |
| 40) Benzene | 6.031 | 78 | 94462 | 18.550 | ug/l | 100 |

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1003WBS01

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Reviewed By :John Carlone 10/04/2024
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| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.928 | 41 | 21548 | 20.523 ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 39931 | 19.243 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.342 | 43 | 64037 | 19.222 ug/l | | 99 |
| 44) Trichloroethene | 7.123 | 130 | 24489 | 18.131 ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.427 | 63 | 22997 | 18.402 ug/l | | 99 |
| 46) Dibromomethane | 7.580 | 93 | 18981 | 18.955 ug/l | | 100 |
| 47) Bromodichloromethane | 7.824 | 83 | 37408 | 19.001 ug/l | | 100 |
| 48) Methyl methacrylate | 7.696 | 41 | 30858 | 18.878 ug/l | | 100 |
| 49) 1,4-Dioxane | 7.665 | 88 | 13103 | 412.370 ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.573 | 43 | 196794 | 97.261 ug/l | | 98 |
| 52) Toluene | 8.714 | 92 | 61440 | 19.251 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 38018 | 19.433 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 38948 | 18.562 ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 25017 | 19.724 ug/l | | 97 |
| 56) Ethyl methacrylate | 9.116 | 69 | 41288 | 19.911 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 42799 | 19.812 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 87552 | 93.668 ug/l | | 99 |
| 59) 2-Hexanone | 9.433 | 43 | 154425 | 100.925 ug/l | | 100 |
| 60) Dibromochloromethane | 9.518 | 129 | 27865 | 18.937 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 26356 | 19.340 ug/l | | 99 |
| 64) Tetrachloroethene | 9.268 | 164 | 21515 | 17.995 ug/l | | 94 |
| 65) Chlorobenzene | 10.079 | 112 | 67491 | 18.219 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131 | 24016 | 18.334 ug/l | | 97 |
| 67) Ethyl Benzene | 10.195 | 91 | 120192 | 18.771 ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 90789 | 37.520 ug/l | | 99 |
| 69) o-Xylene | 10.640 | 106 | 44270 | 18.411 ug/l | | 97 |
| 70) Styrene | 10.652 | 104 | 73454 | 18.850 ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 18357 | 18.294 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.963 | 105 | 118034 | 19.171 ug/l | | 99 |
| 74) N-amyl acetate | 10.841 | 43 | 54654 | 18.699 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 37937 | 18.914 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 36905m | 21.010 ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 28044 | 18.717 ug/l | | 100 |
| 78) n-propylbenzene | 11.305 | 91 | 129608 | 19.175 ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.366 | 91 | 82423 | 18.968 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 98241 | 19.343 ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 11454 | 16.899 ug/l | | 93 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 92078 | 18.601 ug/l | | 99 |
| 83) tert-Butylbenzene | 11.713 | 119 | 97285 | 18.592 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 97576 | 19.094 ug/l | | 100 |
| 85) sec-Butylbenzene | 11.890 | 105 | 119322 | 19.236 ug/l | | 98 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 98269 | 18.989 ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 49336 | 18.692 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.042 | 146 | 48973 | 17.997 ug/l | | 98 |
| 89) n-Butylbenzene | 12.329 | 91 | 79793 | 18.417 ug/l | | 98 |
| 90) Hexachloroethane | 12.536 | 117 | 17493 | 18.023 ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 49776 | 18.440 ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75 | 8971 | 18.319 ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 28219 | 18.134 ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 11733 | 19.020 ug/l | | 97 |
| 95) Naphthalene | 13.774 | 128 | 102199 | 17.865 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180 | 28891 | 17.994 ug/l | | 98 |

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

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

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