Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042420\
Data File : VX015924.D
Acq On : 24 Apr 2020 11:05
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
4/27/2020 11:37:02 AM

Quant Time: Apr 24 12:51:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 155494 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 284309 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 267026 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 125276 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 0.00 | 65 | 0d | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |
| 35) Dibromofluoromethane | 0.00 | 113 | 0d | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |
| 50) Toluene-d8 | 0.00 | 98 | 0d | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |
| 62) 4-Bromofluorobenzene | 0.00 | 95 | 0d | 0.00 | ug/l | |
| Spiked Amount 50.000 | | | Recovery = | 0.00% | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 1380 | 0.845 | ug/l | 97 |
| 3) Chloromethane | 1.31 | 50 | 1602 | 0.952 | ug/l | 91 |
| 4) Vinyl Chloride | 1.39 | 62 | 1883 | 0.866 | ug/l | 94 |
| 6) Chloroethane | 1.72 | 64 | 1195 | 0.894 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 2443 | 0.937 | ug/l | 93 |
| 8) Diethyl Ether | 2.17 | 74 | 1294 | 1.033 | ug/l | 70 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 1467 | 0.895 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 2.36 | 96 | 1582 | 0.922 | ug/l | 99 |
| 14) Allyl chloride | 2.71 | 41 | 2844 | 0.931 | ug/l | 95 |
| 15) Acrylonitrile | 3.12 | 53 | 4252 | 4.292 | ug/l | 98 |
| 16) Acetone | 2.42 | 43 | 3933 | 4.891 | ug/l | 97 |
| 17) Carbon Disulfide | 2.55 | 76 | 6892 | 1.255 | ug/l | 97 |
| 18) Methyl Acetate | 2.75 | 43 | 2239 | 0.930 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.17 | 73 | 5479 | 0.896 | ug/l | 97 |
| 20) Methylene Chloride | 2.84 | 84 | 1881 | 0.945 | ug/l # | 90 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 1740 | 0.908 | ug/l | 93 |
| 22) Diisopropyl ether | 3.82 | 45 | 5595 | 0.932 | ug/l # | 86 |
| 23) Vinyl Acetate | 3.79 | 43 | 20916 | 4.293 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.67 | 63 | 3085 | 0.903 | ug/l | 98 |
| 25) 2-Butanone | 4.64 | 43 | 5728 | 4.447 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.55 | 77 | 2756 | 0.904 | ug/l | 81 |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 2082 | 0.955 | ug/l | 91 |
| 28) Bromochloromethane | 4.98 | 49 | 1468 | 0.963 | ug/l # | 97 |
| 29) Tetrahydrofuran | 5.09 | 42 | 3930 | 4.591 | ug/l | 95 |
| 30) Chloroform | 5.18 | 83 | 3015 | 0.893 | ug/l # | 81 |
| 32) 1,1,1-Trichloroethane | 5.46 | 97 | 2880 | 0.940 | ug/l # | 51 |
| 36) 1,1-Dichloropropene | 5.77 | 75 | 2698 | 1.003 | ug/l | 96 |
| 37) Ethyl Acetate | 4.79 | 43 | 2686 | 0.998 | ug/l # | 92 |
| 38) Carbon Tetrachloride | 5.76 | 117 | 2209 | 0.911 | ug/l # | 83 |
| 39) Methylcyclohexane | 7.45 | 83 | 2907 | 0.898 | ug/l | 96 |
| 40) Benzene | 6.12 | 78 | 7062 | 0.905 | ug/l | 99 |
| 41) Methacrylonitrile | 5.01 | 41 | 1663 | 1.077 | ug/l # | 85 |
| 42) 1,2-Dichloroethane | 6.17 | 62 | 2480 | 0.907 | ug/l | 99 |
| 43) Isopropyl Acetate | 6.41 | 43 | 3868 | 0.889 | ug/l | 96 |

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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) Trichloroethene | 7.20 | 130 | 2240 | 0.924 ug/l | | 85 |
| 45) 1,2-Dichloropropane | 7.49 | 63 | 1791 | 0.899 ug/l | # | 88 |
| 46) Dibromomethane | 7.64 | 93 | 1211 | 0.907 ug/l | | 95 |
| 47) Bromodichloromethane | 7.88 | 83 | 2404 | 0.899 ug/l | | 100 |
| 48) Methyl methacrylate | 7.74 | 41 | 2005 | 0.936 ug/l | | 94 |
| 49) 1,4-Dioxane | 7.71 | 88 | 854 | 18.338 ug/l | # | 81 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 10377 | 4.129 ug/l | | 98 |
| 52) Toluene | 8.77 | 92 | 4345 | 0.879 ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.02 | 75 | 2847 | 0.880 ug/l | | 91 |
| 54) cis-1,3-Dichloropropene | 8.42 | 75 | 2917 | 0.863 ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.20 | 97 | 1811 | 0.915 ug/l | | 95 |
| 56) Ethyl methacrylate | 9.16 | 69 | 2631 | 0.853 ug/l | # | 90 |
| 57) 1,3-Dichloropropane | 9.35 | 76 | 2867 | 0.853 ug/l | | 95 |
| 58) 2-Chloroethyl Vinyl ether | 8.29 | 63 | 6312 | 4.114 ug/l | | 98 |
| 59) 2-Hexanone | 9.48 | 43 | 7688 | 4.072 ug/l | | 99 |
| 60) Dibromochloromethane | 9.57 | 129 | 1500 | 0.792 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.65 | 107 | 1794 | 0.884 ug/l | | 97 |
| 64) Tetrachloroethene | 9.32 | 164 | 2405 | 0.907 ug/l | | 93 |
| 65) Chlorobenzene | 10.12 | 112 | 4574 | 0.880 ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.21 | 131 | 1574 | 0.864 ug/l | # | 60 |
| 67) Ethyl Benzene | 10.24 | 91 | 8806 | 0.916 ug/l | | 98 |
| 68) m/p-Xylenes | 10.34 | 106 | 6088 | 1.740 ug/l | | 93 |
| 69) o-Xylene | 10.68 | 106 | 3045 | 0.893 ug/l | | 96 |
| 70) Styrene | 10.70 | 104 | 4858 | 0.845 ug/l | | 96 |
| 71) Bromoform | 10.84 | 173 | 903 | 0.779 ug/l | # | 99 |
| 73) Isopropylbenzene | 11.01 | 105 | 8507 | 0.928 ug/l | | 97 |
| 74) N-amyl acetate | 10.88 | 43 | 3454 | 0.888 ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.26 | 83 | 1645 | 0.824 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.28 | 75 | 2240m | 0.684 ug/l | | |
| 77) Bromobenzene | 11.24 | 156 | 1927 | 0.937 ug/l | | 95 |
| 78) n-propylbenzene | 11.34 | 91 | 10007 | 0.928 ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.40 | 91 | 5661 | 0.901 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 6742 | 0.878 ug/l | | 99 |
| 82) 4-Chlorotoluene | 11.49 | 91 | 6692 | 0.892 ug/l | | 100 |
| 83) tert-Butylbenzene | 11.76 | 119 | 5983 | 0.921 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 7216 | 0.916 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.93 | 105 | 7898 | 0.896 ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 7126 | 0.887 ug/l | | 90 |
| 87) 1,3-Dichlorobenzene | 12.01 | 146 | 3495 | 0.923 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.08 | 146 | 3768m | 0.981 ug/l | | |
| 89) n-Butylbenzene | 12.37 | 91 | 6598 | 0.876 ug/l | | 99 |
| 90) Hexachloroethane | 12.58 | 117 | 1031 | 0.864 ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.38 | 146 | 3331 | 0.902 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 635 | 0.986 ug/l | | 80 |
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180 | 2241 | 0.956 ug/l | | 96 |
| 94) Hexachlorobutadiene | 13.77 | 225 | 752 | 0.900 ug/l | | 99 |
| 95) Naphthalene | 13.82 | 128 | 7391 | 0.875 ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180 | 1955 | 0.884 ug/l | | 93 |

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Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
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**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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MMDadoda
4/27/2020 11:37:02 AM

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

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

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