Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031016.D
Acq On : 20 Jul 2021 10:10
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC020

Quant Time: Jul 20 11:24:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:22:19 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.640 | 152 | 79603 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.404 | 136 | 353183 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.269 | 164 | 259863 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.016 | 188 | 595601 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.203 | 240 | 702846 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.386 | 264 | 741928 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.257 | 112 | 187098 | 41.889 | ng | | 0.00 |
| 7) Phenol-d6 | 6.816 | 99 | 265705 | 41.369 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.787 | 82 | 290454 | 41.178 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.763 | 330 | 136263 | 39.956 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.886 | 172 | 708672 | 40.147 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.657 | 244 | 1442035 | 39.936 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 38863 | 21.880 | ng | | 94 |
| 3) Pyridine | 3.622 | 79 | 104190 | 20.505 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.546 | 42 | 60613 | 21.054 | ng | | 91 |
| 6) Aniline | 6.975 | 93 | 141588 | 20.501 | ng | | 97 |
| 8) 2-Chlorophenol | 7.210 | 128 | 110152 | 20.917 | ng | | 95 |
| 9) Benzaldehyde | 6.793 | 77 | 84489 | 22.315 | ng | | 99 |
| 10) Phenol | 6.846 | 94 | 129730 | 20.751 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 7.081 | 93 | 96845 | 20.808 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.528 | 146 | 118493 | 20.863 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 7.675 | 146 | 120013 | 20.695 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.987 | 146 | 117861 | 20.846 | ng | | 97 |
| 15) Benzyl Alcohol | 7.881 | 79 | 112034 | 20.547 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.163 | 45 | 122680 | 20.981 | ng | | 97 |
| 17) 2-Methylphenol | 8.081 | 107 | 90549 | 20.359 | ng | | 94 |
| 18) Hexachloroethane | 8.704 | 117 | 46860 | 20.725 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.445 | 70 | 94103 | 20.322 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.404 | 107 | 128621 | 20.729 | ng | | 98 |
| 22) Acetophenone | 8.457 | 105 | 180874 | 20.486 | ng | # | 95 |
| 24) Nitrobenzene | 8.828 | 77 | 146841 | 20.582 | ng | | 98 |
| 25) Isophorone | 9.351 | 82 | 258835 | 20.369 | ng | | 99 |
| 26) 2-Nitrophenol | 9.534 | 139 | 60718 | 20.036 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.598 | 122 | 98257 | 20.445 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.834 | 93 | 130069 | 20.093 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.057 | 162 | 115940 | 20.585 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.275 | 180 | 126155 | 20.622 | ng | | 97 |
| 31) Naphthalene | 10.457 | 128 | 369995 | 20.297 | ng | | 99 |
| 32) Benzoic acid | 9.716 | 122 | 80874 | 20.722 | ng | | 99 |
| 33) 4-Chloroaniline | 10.569 | 127 | 160951 | 20.611 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.739 | 225 | 81167 | 20.329 | ng | | 98 |
| 35) Caprolactam | 11.351 | 113 | 38546 | 20.705 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.698 | 107 | 132077 | 20.561 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.069 | 142 | 285306 | 20.392 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.292 | 142 | 274114 | 20.514 | ng | # | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.445 | 216 | 147473 | 19.967 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.422 | 237 | 84155 | 20.168 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.692 | 196 | 104734 | 20.297 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.757 | 196 | 114294 | 20.208 | ng | # | 92 |
| 46) 1,1'-Biphenyl | 13.098 | 154 | 374406 | 20.242 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.139 | 162 | 294831 | 20.096 | ng | | 96 |
| 48) 2-Nitroaniline | 13.351 | 65 | 93649 | 20.361 | ng | | 99 |
| 49) Acenaphthylene | 13.986 | 152 | 476961 | 20.471 | ng | | 99 |
| 50) Dimethylphthalate | 13.739 | 163 | 398692 | 20.471 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.857 | 165 | 88562 | 20.440 | ng | | 87 |
| 52) Acenaphthene | 14.333 | 154 | 292199 | 20.093 | ng | | 99 |
| 53) 3-Nitroaniline | 14.180 | 138 | 90817 | 20.740 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.386 | 184 | 50880 | 20.203 | ng | | 94 |
| 55) Dibenzofuran | 14.669 | 168 | 484581 | 20.285 | ng | | 93 |
| 56) 4-Nitrophenol | 14.492 | 139 | 80922 | 21.034 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 14.639 | 165 | 123915 | 20.395 | ng | # | 82 |
| 58) Fluorene | 15.322 | 166 | 411195 | 20.419 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.898 | 232 | 106954 | 20.261 | ng | # | 91 |
| 60) Diethylphthalate | 15.116 | 149 | 429936 | 20.549 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.322 | 204 | 201342 | 19.873 | ng | # | 84 |
| 62) 4-Nitroaniline | 15.351 | 138 | 100731 | 21.045 | ng | | 89 |
| 63) Azobenzene | 15.616 | 77 | 434474 | 21.032 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 198 | 76343 | 20.430 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.539 | 169 | 360369 | 20.284 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.221 | 248 | 126797 | 20.202 | ng | | 95 |
| 68) Hexachlorobenzene | 16.321 | 284 | 142748 | 20.327 | ng | | 95 |
| 69) Atrazine | 16.498 | 200 | 133118 | 20.656 | ng | | 96 |
| 70) Pentachlorophenol | 16.668 | 266 | 93726 | 20.453 | ng | | 97 |
| 71) Phenanthrene | 17.057 | 178 | 677146 | 20.562 | ng | | 100 |
| 72) Anthracene | 17.151 | 178 | 665154 | 20.473 | ng | | 100 |
| 73) Carbazole | 17.421 | 167 | 664573 | 20.865 | ng | | 98 |
| 74) Di-n-butylphthalate | 17.998 | 149 | 780302 | 20.562 | ng | | 99 |
| 75) Fluoranthene | 19.074 | 202 | 847125 | 20.865 | ng | | 100 |
| 77) Benzidine | 19.274 | 184 | 331666 | 18.143 | ng | | 100 |
| 78) Pyrene | 19.439 | 202 | 888368 | 19.862 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.362 | 149 | 389386 | 20.332 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.192 | 228 | 947652 | 20.388 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.133 | 252 | 260817 | 20.591 | ng | | 99 |
| 83) Chrysene | 21.245 | 228 | 922008 | 20.391 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.139 | 149 | 599873 | 20.376 | ng | | 94 |
| 85) Di-n-octyl phthalate | 22.009 | 149 | 1017689 | 20.430 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.556 | 276 | 1031337 | 19.982 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.739 | 252 | 977799 | 19.790 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.780 | 252 | 945147 | 20.069 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.292 | 252 | 894463 | 20.065 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 25.568 | 278 | 883849 | 19.819 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 26.215 | 276 | 847293 | 20.027 | ng | | 98 |

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

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