Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028510.D
Acq On : 22 Jan 2021 09:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040

Quant Time: Jan 22 10:47:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 10:45:04 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.016 | 152 | 37380 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.834 | 136 | 163441 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.663 | 164 | 101584 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.386 | 188 | 206483 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.515 | 240 | 159710 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.797 | 264 | 132876 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.540 | 112 | 166614 | 70.41 | ng | | 0.00 |
| 7) Phenol-d6 | 7.181 | 99 | 244601 | 75.92 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.198 | 82 | 240534 | 69.80 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.145 | 330 | 102113 | 75.87 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.286 | 172 | 558931 | 69.03 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.980 | 244 | 724684 | 81.94 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.322 | 88 | 31652 | 33.34 | ng | # | 68 |
| 3) Pyridine | 3.752 | 79 | 95421 | 36.30 | ng | # | 50 |
| 4) n-Nitrosodimethylamine | 3.663 | 42 | 50505 | 33.42 | ng | # | 60 |
| 6) Aniline | 7.340 | 93 | 135185 | 38.72 | ng | | 99 |
| 8) 2-Chlorophenol | 7.575 | 128 | 98633 | 37.49 | ng | | 97 |
| 9) Benzaldehyde | 7.146 | 77 | 59995 | 35.78 | ng | | 82 |
| 10) Phenol | 7.204 | 94 | 115582 | 38.06 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.440 | 93 | 93320 | 38.11 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.904 | 146 | 112451 | 36.22 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 8.051 | 146 | 115164 | 36.68 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.375 | 146 | 111301 | 36.95 | ng | | 97 |
| 15) Benzyl Alcohol | 8.263 | 79 | 88790 | 39.55 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.557 | 45 | 161503 | 36.54 | ng | | 71 |
| 17) 2-Methylphenol | 8.469 | 107 | 82626 | 39.29 | ng | # | 89 |
| 18) Hexachloroethane | 9.104 | 117 | 43999 | 37.23 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.834 | 70 | 79106 | 41.23 | ng | # | 66 |
| 20) 3+4-Methylphenols | 8.798 | 107 | 114769 | 40.70 | ng | | 91 |
| 22) Acetophenone | 8.851 | 105 | 151010 | 35.64 | ng | # | 89 |
| 24) Nitrobenzene | 9.239 | 77 | 115936 | 34.85 | ng | # | 87 |
| 25) Isophorone | 9.763 | 82 | 201819 | 38.23 | ng | | 95 |
| 26) 2-Nitrophenol | 9.945 | 139 | 57471 | 38.18 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 10.004 | 122 | 80094 | 36.59 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.239 | 93 | 136355 | 36.59 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.481 | 162 | 96962 | 37.12 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.698 | 180 | 107718 | 34.72 | ng | | 99 |
| 31) Naphthalene | 10.886 | 128 | 329491 | 35.68 | ng | | 99 |
| 32) Benzoic acid | 10.169 | 122 | 79680 | 40.45 | ng | # | 84 |
| 33) 4-Chloroaniline | 10.992 | 127 | 143368 | 37.37 | ng | | 93 |
| 34) Hexachlorobutadiene | 11.157 | 225 | 63706 | 34.42 | ng | | 100 |
| 35) Caprolactam | 11.804 | 113 | 33383 | 39.49 | ng | # | 58 |
| 36) 4-Chloro-3-methylphenol | 12.116 | 107 | 104955 | 38.65 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.492 | 142 | 236713 | 37.19 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.710 | 142 | 225615 | 37.35 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.857 | 216 | 112355 | 33.53 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.827 | 237 | 52407 | 33.48 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.098 | 196 | 81355 | 36.20 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.169 | 196 | 83715 | 35.99 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.498 | 154 | 300923 | 34.71 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.539 | 162 | 243194 | 34.33 | ng | | 98 |
| 48) 2-Nitroaniline | 13.745 | 65 | 79982 | 36.00 | ng | | 90 |
| 49) Acenaphthylene | 14.386 | 152 | 376729 | 35.83 | ng | | 100 |
| 50) Dimethylphthalate | 14.116 | 163 | 300584 | 35.99 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.239 | 165 | 65560 | 36.90 | ng | | 89 |
| 52) Acenaphthene | 14.727 | 154 | 231340 | 35.44 | ng | | 98 |
| 53) 3-Nitroaniline | 14.569 | 138 | 75078 | 37.49 | ng | | 88 |
| 54) 2,4-Dinitrophenol | 14.774 | 184 | 38904 | 36.77 | ng | | 96 |
| 55) Dibenzofuran | 15.057 | 168 | 354433 | 35.31 | ng | | 99 |
| 56) 4-Nitrophenol | 14.869 | 139 | 58346 | 37.00 | ng | # | 77 |
| 57) 2,4-Dinitrotoluene | 15.021 | 165 | 90371 | 38.19 | ng | | 95 |
| 58) Fluorene | 15.704 | 166 | 293093 | 35.64 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.280 | 232 | 76421 | 37.17 | ng | | 94 |
| 60) Diethylphthalate | 15.474 | 149 | 306589 | 36.16 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.692 | 204 | 141845 | 35.01 | ng | | 93 |
| 62) 4-Nitroaniline | 15.727 | 138 | 81088 | 37.19 | ng | # | 81 |
| 63) Azobenzene | 15.986 | 77 | 286180 | 35.95 | ng | | 90 |
| 65) 4,6-Dinitro-2-methylph... | 15.786 | 198 | 48266 | 37.62 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 15.910 | 169 | 252135 | 36.47 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.580 | 248 | 88654 | 36.25 | ng | | 96 |
| 68) Hexachlorobenzene | 16.698 | 284 | 102570 | 36.10 | ng | | 97 |
| 69) Atrazine | 16.851 | 200 | 75851 | 37.01 | ng | | 98 |
| 70) Pentachlorophenol | 17.039 | 266 | 58855 | 38.00 | ng | | 99 |
| 71) Phenanthrene | 17.427 | 178 | 448746 | 35.34 | ng | | 100 |
| 72) Anthracene | 17.521 | 178 | 440880 | 35.94 | ng | | 99 |
| 73) Carbazole | 17.786 | 167 | 408788 | 35.14 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.333 | 149 | 507704 | 36.28 | ng | | 99 |
| 75) Fluoranthene | 19.421 | 202 | 476185 | 33.39 | ng | | 96 |
| 77) Benzidine | 19.604 | 184 | 170488 | 47.47 | ng | | 99 |
| 78) Pyrene | 19.780 | 202 | 485384 | 42.39 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.656 | 149 | 200977 | 39.80 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.503 | 228 | 397715 | 36.06 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.433 | 252 | 128292 | 36.20 | ng | # | 98 |
| 83) Chrysene | 21.550 | 228 | 380208 | 35.71 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.415 | 149 | 261101 | 36.57 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.297 | 149 | 394641 | 32.69 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 26.127 | 276 | 352150 | 35.57 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.109 | 252 | 350831 | 38.89 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.156 | 252 | 329983 | 37.46 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.697 | 252 | 315518 | 37.75 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 26.133 | 278 | 290891 | 35.51 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.838 | 276 | 285960 | 35.50 | ng | # | 92 |

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

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