Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033748.D
Acq On : 17 Jan 2022 14:17
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 17 16:13:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:10:26 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.954 | 152 | 177745 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.772 | 136 | 756754 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.595 | 164 | 506906 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.330 | 188 | 1026975 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.494 | 240 | 773485 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.906 | 264 | 685294 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.501 | 112 | 1005377 | 89.208 | ng | | 0.00 |
| 7) Phenol-d6 | 7.119 | 99 | 1424420 | 93.777 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.125 | 82 | 1512483 | 92.303 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.077 | 330 | 668474 | 126.259 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.230 | 172 | 3500061 | 90.437 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.947 | 244 | 4782037 | 111.284 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.337 | 88 | 193094 | 38.226 | ng | # | 90 |
| 3) Pyridine | 3.754 | 79 | 573137 | 43.819 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.654 | 42 | 266428 | 40.771 | ng | # | 72 |
| 6) Aniline | 7.278 | 93 | 825356 | 47.969 | ng | | 96 |
| 8) 2-Chlorophenol | 7.519 | 128 | 583807 | 47.372 | ng | | 89 |
| 9) Benzaldehyde | 7.084 | 77 | 383996 | 35.526 | ng | | 89 |
| 10) Phenol | 7.142 | 94 | 716382 | 46.910 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.372 | 93 | 562873 | 46.724 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.848 | 146 | 636971 | 46.244 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 7.989 | 146 | 657469 | 46.673 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.313 | 146 | 635475 | 46.648 | ng | | 100 |
| 15) Benzyl Alcohol | 8.195 | 79 | 607332 | 48.980 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.489 | 45 | 777342 | 42.788 | ng | | 97 |
| 17) 2-Methylphenol | 8.401 | 107 | 519187 | 49.250 | ng | | 95 |
| 18) Hexachloroethane | 9.048 | 117 | 245348 | 45.966 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.772 | 70 | 501223 | 50.506 | ng | | 90 |
| 20) 3+4-Methylphenols | 8.736 | 107 | 731244 | 50.774 | ng | | 94 |
| 22) Acetophenone | 8.783 | 105 | 962402 | 47.419 | ng | # | 92 |
| 24) Nitrobenzene | 9.166 | 77 | 706374 | 45.332 | ng | | 92 |
| 25) Isophorone | 9.701 | 82 | 1310958 | 49.391 | ng | | 97 |
| 26) 2-Nitrophenol | 9.877 | 139 | 353593 | 53.857 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 9.942 | 122 | 522580 | 47.679 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.177 | 93 | 826788 | 47.251 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.419 | 162 | 602759 | 50.229 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.636 | 180 | 643495 | 48.010 | ng | | 98 |
| 31) Naphthalene | 10.824 | 128 | 1975160 | 47.622 | ng | | 100 |
| 32) Benzoic acid | 10.107 | 122 | 454561 | 58.940 | ng | | 88 |
| 33) 4-Chloroaniline | 10.924 | 127 | 831713 | 50.822 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.119 | 225 | 425252 | 48.574 | ng | | 97 |
| 35) Caprolactam | 11.730 | 113 | 209143 | 62.838 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 12.054 | 107 | 728775 | 52.281 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.430 | 142 | 1396291 | 49.820 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.648 | 142 | 1362967 | 50.036 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.801 | 216 | 723988 | 45.180 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.783 | 237 | 467710 | 46.397 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.036 | 196 | 520850 | 49.824 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.107 | 196 | 560461 | 50.675 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.436 | 154 | 1862283 | 44.977 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.477 | 162 | 1424059 | 45.802 | ng | | 98 |
| 48) 2-Nitroaniline | 13.671 | 65 | 482546 | 49.476 | ng | # | 85 |
| 49) Acenaphthylene | 14.318 | 152 | 2299351 | 47.390 | ng | | 99 |
| 50) Dimethylphthalate | 14.060 | 163 | 1920064 | 48.793 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.165 | 165 | 392815 | 51.543 | ng | | 91 |
| 52) Acenaphthene | 14.660 | 154 | 1541550m | 48.843 | ng | | |
| 53) 3-Nitroaniline | 14.495 | 138 | 430022 | 52.872 | ng | | 91 |
| 54) 2,4-Dinitrophenol | 14.695 | 184 | 253713 | 72.131 | ng | | 89 |
| 55) Dibenzofuran | 14.995 | 168 | 2267613 | 47.930 | ng | | 98 |
| 56) 4-Nitrophenol | 14.801 | 139 | 359730 | 55.808 | ng | # | 84 |
| 57) 2,4-Dinitrotoluene | 14.948 | 165 | 551298 | 56.652 | ng | | 84 |
| 58) Fluorene | 15.642 | 166 | 1769154 | 48.815 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.218 | 232 | 506023 | 54.186 | ng | | 98 |
| 60) Diethylphthalate | 15.412 | 149 | 1997439 | 49.272 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.630 | 204 | 926222 | 49.530 | ng | | 95 |
| 62) 4-Nitroaniline | 15.654 | 138 | 447676 | 56.511 | ng | | 90 |
| 63) Azobenzene | 15.924 | 77 | 1856718 | 46.328 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.712 | 198 | 350806 | 62.215 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 15.842 | 169 | 1570729 | 45.258 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.524 | 248 | 574274 | 50.554 | ng | | 99 |
| 68) Hexachlorobenzene | 16.642 | 284 | 621534 | 48.044 | ng | | 97 |
| 69) Atrazine | 16.795 | 200 | 577977 | 48.544 | ng | | 99 |
| 70) Pentachlorophenol | 16.983 | 266 | 414794 | 52.723 | ng | | 97 |
| 71) Phenanthrene | 17.377 | 178 | 2727256 | 46.409 | ng | | 99 |
| 72) Anthracene | 17.465 | 178 | 2710921 | 47.029 | ng | | 99 |
| 73) Carbazole | 17.730 | 167 | 2605026 | 47.936 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.300 | 149 | 3330842 | 47.484 | ng | | 99 |
| 75) Fluoranthene | 19.383 | 202 | 2922168 | 47.366 | ng | | 99 |
| 77) Benzidine | 19.553 | 184 | 893059 | 38.470 | ng | | 100 |
| 78) Pyrene | 19.742 | 202 | 2966836 | 54.479 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.636 | 149 | 1332983 | 54.802 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.483 | 228 | 2485496 | 47.388 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.412 | 252 | 877162 | 47.143 | ng | | 98 |
| 83) Chrysene | 21.536 | 228 | 2370435 | 47.226 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.412 | 149 | 1893647 | 51.108 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.336 | 149 | 3036441 | 50.395 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 26.435 | 276 | 2308733 | 45.685 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.171 | 252 | 2072411 | 47.433 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.224 | 252 | 2153066 | 50.845 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.800 | 252 | 1742564 | 48.055 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.453 | 278 | 1967913 | 46.883 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 27.212 | 276 | 1861183 | 45.100 | ng | | 97 |

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

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