Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006476.D
Acq On : 03 Aug 2021 12:29
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDICCC040

Quant Time: Aug 03 13:20:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:16:58 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.757 | 152 | 176396 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.546 | 136 | 761172 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.392 | 164 | 454713 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.139 | 188 | 921640 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.239 | 240 | 920772 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.568 | 264 | 939503 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 945487 | 83.588 | ng | | 0.00 |
| 7) Phenol-d6 | 6.934 | 99 | 1398114 | 87.550 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.916 | 82 | 1371600 | 84.956 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.881 | 330 | 404150 | 86.923 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.016 | 172 | 2445787 | 80.622 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.716 | 244 | 3706828 | 81.062 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 197658 | 39.432 | ng | | 90 |
| 3) Pyridine | 3.693 | 79 | 615682 | 42.532 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.611 | 42 | 230591 | 42.172 | ng | # | 81 |
| 6) Aniline | 7.099 | 93 | 775046 | 44.400 | ng | | 96 |
| 8) 2-Chlorophenol | 7.322 | 128 | 523567 | 42.791 | ng | | 90 |
| 9) Benzaldehyde | 6.910 | 77 | 400798 | 40.049 | ng | | 91 |
| 10) Phenol | 6.963 | 94 | 703879 | 43.744 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.199 | 93 | 524742 | 42.604 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 7.646 | 146 | 534365 | 41.382 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.793 | 146 | 541535 | 41.453 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.110 | 146 | 527920 | 42.055 | ng | | 98 |
| 15) Benzyl Alcohol | 8.004 | 79 | 537557 | 44.953 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299 | 45 | 635978 | 43.754 | ng | | 93 |
| 17) 2-Methylphenol | 8.204 | 107 | 450567 | 44.756 | ng | | 99 |
| 18) Hexachloroethane | 8.828 | 117 | 213063 | 41.619 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.569 | 70 | 487781 | 46.068 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.534 | 107 | 623714 | 45.427 | ng | | 98 |
| 22) Acetophenone | 8.581 | 105 | 842039 | 41.957 | ng | # | 96 |
| 24) Nitrobenzene | 8.957 | 77 | 708178 | 42.259 | ng | | 90 |
| 25) Isophorone | 9.487 | 82 | 1262686 | 43.804 | ng | | 94 |
| 26) 2-Nitrophenol | 9.663 | 139 | 266025 | 44.345 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.728 | 122 | 438958 | 42.760 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.969 | 93 | 658019 | 41.747 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.193 | 162 | 451432 | 43.499 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.410 | 180 | 457819 | 40.619 | ng | | 96 |
| 31) Naphthalene | 10.593 | 128 | 1682874 | 41.502 | ng | | 99 |
| 32) Benzoic acid | 9.857 | 122 | 338267 | 43.398 | ng | | 91 |
| 33) 4-Chloroaniline | 10.710 | 127 | 704973 | 43.489 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.881 | 225 | 264098 | 40.083 | ng | | 98 |
| 35) Caprolactam | 11.504 | 113 | 174758 | 45.930 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 11.834 | 107 | 585598 | 45.235 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.204 | 142 | 1162765 | 42.721 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.428 | 142 | 1100497 | 42.570 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216 | 475644 | 40.134 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.551 | 237 | 258796 | 41.202 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 12.816 | 196 | 339624 | 42.729 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.887 | 196 | 376910 | 42.836 | ng | # | 88 |
| 46) 1,1'-Biphenyl | 13.228 | 154 | 1392198 | 40.502 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.263 | 162 | 1075878 | 40.643 | ng | | 95 |
| 48) 2-Nitroaniline | 13.475 | 65 | 406350 | 45.772 | ng | | 86 |
| 49) Acenaphthylene | 14.110 | 152 | 1771386 | 42.121 | ng | | 100 |
| 50) Dimethylphthalate | 13.863 | 163 | 1375640 | 42.082 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.975 | 165 | 316093 | 44.440 | ng | # | 79 |
| 52) Acenaphthene | 14.457 | 154 | 1076954 | 41.530 | ng | | 99 |
| 53) 3-Nitroaniline | 14.304 | 138 | 355171 | 45.053 | ng | | 84 |
| 54) 2,4-Dinitrophenol | 14.504 | 184 | 162000 | 41.959 | ng | # | 78 |
| 55) Dibenzofuran | 14.792 | 168 | 1681120 | 41.389 | ng | | 95 |
| 56) 4-Nitrophenol | 14.610 | 139 | 316418 | 44.193 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 14.763 | 165 | 430842 | 45.377 | ng | # | 82 |
| 58) Fluorene | 15.439 | 166 | 1360981 | 42.177 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.016 | 232 | 318533 | 43.160 | ng | # | 70 |
| 60) Diethylphthalate | 15.228 | 149 | 1455518 | 42.822 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.439 | 204 | 608907 | 41.528 | ng | # | 89 |
| 62) 4-Nitroaniline | 15.469 | 138 | 385228 | 46.183 | ng | | 89 |
| 63) Azobenzene | 15.733 | 77 | 1724614 | 43.940 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 233623 | 42.367 | ng | | 73 |
| 66) n-Nitrosodiphenylamine | 15.657 | 169 | 1188678 | 41.655 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.339 | 248 | 357397 | 40.444 | ng | # | 88 |
| 68) Hexachlorobenzene | 16.439 | 284 | 401770 | 40.347 | ng | # | 84 |
| 69) Atrazine | 16.616 | 200 | 381663 | 43.474 | ng | | 94 |
| 70) Pentachlorophenol | 16.786 | 266 | 272543 | 44.029 | ng | | 99 |
| 71) Phenanthrene | 17.186 | 178 | 2120015 | 41.014 | ng | | 99 |
| 72) Anthracene | 17.275 | 178 | 2075056 | 41.899 | ng | | 99 |
| 73) Carbazole | 17.551 | 167 | 2154912 | 42.839 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.116 | 149 | 2441613 | 42.985 | ng | | 99 |
| 75) Fluoranthene | 19.157 | 202 | 2430307 | 42.242 | ng | | 94 |
| 77) Benzidine | 19.345 | 184 | 1074357 | 47.405 | ng | | 99 |
| 78) Pyrene | 19.510 | 202 | 2529041 | 41.662 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.404 | 149 | 1148750 | 43.800 | ng | | 87 |
| 81) Benzo(a)anthracene | 21.221 | 228 | 2471231 | 41.688 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.163 | 252 | 662760 | 42.183 | ng | # | 96 |
| 83) Chrysene | 21.274 | 228 | 2387136 | 41.331 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.169 | 149 | 1693212 | 41.793 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.074 | 149 | 2812759 | 41.000 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 25.980 | 276 | 2837971 | 42.103 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 22.863 | 252 | 2525183 | 41.869 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 22.910 | 252 | 2456106 | 41.980 | ng | # | 95 |
| 90) Benzo(a)pyrene | 23.468 | 252 | 2304977 | 42.690 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 26.009 | 278 | 2448121 | 41.935 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 26.727 | 276 | 2348123 | 41.953 | ng | # | 89 |

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

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