Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006807.D
Acq On : 20 Aug 2021 19:12
Operator : CG/JU
Sample : M3426-13MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SWCS-10-0510MS

Quant Time: Aug 21 00:58:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.693 | 152 | 158836 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.475 | 136 | 676683 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.339 | 164 | 372198 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.098 | 188 | 688959 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.204 | 240 | 586508 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.515 | 264 | 689014 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.299 | 112 | 1421312 | 137.441 | ng | | 0.00 |
| 7) Phenol-d6 | 6.887 | 99 | 1781544 | 121.276 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.857 | 82 | 1193015 | 81.377 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.839 | 330 | 530496 | 136.379 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.957 | 172 | 2125345 | 85.433 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.680 | 244 | 2409498 | 82.320 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 171510 | 38.095 | ng | | 95 |
| 3) Pyridine | 3.628 | 79 | 427160 | 32.281 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.546 | 42 | 190649 | 38.172 | ng | # | 73 |
| 6) Aniline | 7.034 | 93 | 741165 | 46.448 | ng | | 98 |
| 8) 2-Chlorophenol | 7.263 | 128 | 546092 | 48.806 | ng | | 95 |
| 9) Benzaldehyde | 6.846 | 77 | 375563 | 42.477 | ng | | 96 |
| 10) Phenol | 6.910 | 94 | 681060 | 46.236 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.134 | 93 | 503238 | 44.993 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.581 | 146 | 551887 | 47.325 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.728 | 146 | 565915 | 47.816 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.040 | 146 | 540778 | 47.617 | ng | | 96 |
| 15) Benzyl Alcohol | 7.946 | 79 | 507470 | 46.065 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.234 | 45 | 528813 | 39.732 | ng | | 96 |
| 17) 2-Methylphenol | 8.146 | 107 | 452401 | 48.639 | ng | | 100 |
| 18) Hexachloroethane | 8.757 | 117 | 224405 | 47.903 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.510 | 70 | 421790 | 42.797 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.481 | 107 | 606929 | 47.940 | ng | | 99 |
| 22) Acetophenone | 8.522 | 105 | 821309 | 45.768 | ng | # | 98 |
| 24) Nitrobenzene | 8.899 | 77 | 635796 | 41.720 | ng | | 94 |
| 25) Isophorone | 9.428 | 82 | 1100356 | 41.788 | ng | | 96 |
| 26) 2-Nitrophenol | 9.604 | 139 | 286695 | 51.693 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.675 | 122 | 484849 | 52.206 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 9.910 | 93 | 673199 | 47.782 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.134 | 162 | 461060 | 49.035 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.345 | 180 | 468576 | 46.377 | ng | | 99 |
| 31) Naphthalene | 10.528 | 128 | 1615667 | 44.434 | ng | | 99 |
| 32) Benzoic acid | 9.840 | 122 | 376463 | 52.398 | ng | | 93 |
| 33) 4-Chloroaniline | 10.651 | 127 | 478681 | 32.532 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.810 | 225 | 281052 | 47.736 | ng | | 100 |
| 35) Caprolactam | 11.469 | 113 | 159263 | 46.974 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 11.787 | 107 | 560857 | 46.948 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.145 | 142 | 1122393 | 45.553 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.369 | 142 | 1031524 | 44.054 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216 | 485240 | 49.812 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.492 | 237 | 556830 | 107.775 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.769 | 196 | 343670 | 51.667 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.839 | 196 | 366760 | 49.813 | ng | # | 89 |
| 46) 1,1'-Biphenyl | 13.169 | 154 | 1304279 | 46.297 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.210 | 162 | 1013250 | 46.705 | ng | | 95 |
| 48) 2-Nitroaniline | 13.428 | 65 | 366223 | 47.833 | ng | | 90 |
| 49) Acenaphthylene | 14.057 | 152 | 1654851 | 47.306 | ng | | 99 |
| 50) Dimethylphthalate | 13.810 | 163 | 1255747 | 46.350 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.928 | 165 | 272980 | 45.154 | ng | # | 77 |
| 52) Acenaphthene | 14.404 | 154 | 963780 | 45.269 | ng | | 100 |
| 53) 3-Nitroaniline | 14.257 | 138 | 269592 | 40.225 | ng | | 84 |
| 54) 2,4-Dinitrophenol | 14.469 | 184 | 290126 | 91.769 | ng | # | 80 |
| 55) Dibenzofuran | 14.739 | 168 | 1484580 | 44.332 | ng | | 93 |
| 56) 4-Nitrophenol | 14.581 | 139 | 523488 | 89.953 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 14.722 | 165 | 374667 | 46.211 | ng | # | 78 |
| 58) Fluorene | 15.392 | 166 | 1200380 | 44.846 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.969 | 232 | 295491 | 47.890 | ng | # | 72 |
| 60) Diethylphthalate | 15.181 | 149 | 1337881 | 47.015 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.392 | 204 | 558640 | 46.087 | ng | | 90 |
| 62) 4-Nitroaniline | 15.428 | 138 | 294671 | 41.434 | ng | | 93 |
| 63) Azobenzene | 15.686 | 77 | 1435627 | 43.272 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.486 | 198 | 180677 | 42.919 | ng | | 76 |
| 66) n-Nitrosodiphenylamine | 15.610 | 169 | 1018257 | 47.022 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.292 | 248 | 330251 | 49.958 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.392 | 284 | 365305 | 48.560 | ng | # | 87 |
| 69) Atrazine | 16.580 | 200 | 353162 | 52.263 | ng | | 95 |
| 70) Pentachlorophenol | 16.745 | 266 | 479034 | 100.364 | ng | | 99 |
| 71) Phenanthrene | 17.139 | 178 | 1757668 | 45.229 | ng | | 99 |
| 72) Anthracene | 17.233 | 178 | 1780689 | 47.420 | ng | | 100 |
| 73) Carbazole | 17.510 | 167 | 1623311 | 42.382 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.075 | 149 | 2199457 | 50.403 | ng | | 99 |
| 75) Fluoranthene | 19.116 | 202 | 1901668 | 43.598 | ng | | 96 |
| 77) Benzidine | 19.316 | 184 | 862032 | 58.736 | ng | | 98 |
| 78) Pyrene | 19.474 | 202 | 1909776 | 48.749 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.363 | 149 | 947891 | 55.025 | ng | | 88 |
| 81) Benzo(a)anthracene | 21.192 | 228 | 1762100 | 45.971 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.133 | 252 | 623338 | 61.945 | ng | # | 95 |
| 83) Chrysene | 21.239 | 228 | 1711001 | 46.045 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.127 | 149 | 1413229 | 54.591 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 22.027 | 149 | 2397105 | 56.180 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 25.909 | 276 | 2705220 | 54.147 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 22.815 | 252 | 1988500 | 44.405 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 22.862 | 252 | 1847252 | 42.965 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.415 | 252 | 1964414 | 48.908 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 25.927 | 278 | 2304991 | 53.361 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 26.639 | 276 | 2301629 | 55.603 | ng | # | 92 |

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

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