Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128779.D
Acq On : 13 Jun 2022 12:38
Operator : CG\JU
Sample : PB145464BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 13:58:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB145464BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.804 | 152 | 95610 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.092 | 136 | 374884 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.851 | 164 | 208363 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.339 | 188 | 374792 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.992 | 240 | 258950 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.451 | 264 | 187903 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 673869 | 112.264 | ng | | 0.00 |
| 7) Phenol-d6 | 6.475 | 99 | 821891 | 112.171 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.381 | 82 | 590427 | 73.328 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 275793 | 112.024 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.175 | 172 | 1149652 | 77.290 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.933 | 244 | 1277018 | 85.692 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.687 | 88 | 70433 | 31.607 | ng | | 97 |
| 3) Pyridine | 3.416 | 79 | 180938 | 30.565 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 145277 | 35.389 | ng | # | 81 |
| 6) Aniline | 6.469 | 93 | 263397 | 33.332 | ng | # | 62 |
| 8) 2-Chlorophenol | 6.604 | 128 | 268042 | 43.641 | ng | | 100 |
| 9) Benzaldehyde | 6.357 | 77 | 61862 | 13.858 | ng | | 94 |
| 10) Phenol | 6.487 | 94 | 322874 | 41.687 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.545 | 93 | 244827 | 43.138 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.745 | 146 | 297856 | 41.948 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.822 | 146 | 301988 | 42.111 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.975 | 146 | 285846 | 42.611 | ng | | 97 |
| 15) Benzyl Alcohol | 6.963 | 79 | 244495 | 39.882 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081 | 45 | 361901 | 38.702 | ng | # | 5 |
| 17) 2-Methylphenol | 7.087 | 107 | 212979 | 43.874 | ng | # | 86 |
| 18) Hexachloroethane | 7.316 | 117 | 113981 | 42.722 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.228 | 70 | 195916 | 43.005 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.240 | 107 | 278999 | 43.050 | ng | # | 81 |
| 22) Acetophenone | 7.222 | 105 | 391822 | 39.962 | ng | | 96 |
| 24) Nitrobenzene | 7.398 | 77 | 296452 | 40.103 | ng | | 99 |
| 25) Isophorone | 7.634 | 82 | 524233 | 42.868 | ng | # | 96 |
| 26) 2-Nitrophenol | 7.710 | 139 | 139511 | 42.835 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 7.757 | 122 | 240732 | 48.522 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 7.845 | 93 | 306203 | 39.609 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.963 | 162 | 231083 | 40.243 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.034 | 180 | 250485 | 38.741 | ng | | 98 |
| 31) Naphthalene | 8.116 | 128 | 776620 | 40.366 | ng | | 99 |
| 32) Benzoic acid | 7.922 | 122 | 99237 | 28.193 | ng | | 92 |
| 33) 4-Chloroaniline | 8.169 | 127 | 210502 | 29.020 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.228 | 225 | 176231 | 38.433 | ng | | 98 |
| 35) Caprolactam | 8.557 | 113 | 64509m | 40.626 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.675 | 107 | 255796 | 40.818 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.810 | 142 | 506327 | 41.376 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.910 | 142 | 478467 | 40.469 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.975 | 216 | 270496 | 41.800 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.957 | 237 | 246467 | 63.362 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.098 | 196 | 163212 | 37.296 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.151 | 196 | 170664 | 37.738 | ng | # | 93 |
| 46) 1,1'-Biphenyl | 9.275 | 154 | 643431 | 41.156 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.298 | 162 | 489712 | 41.050 | ng | | 98 |
| 48) 2-Nitroaniline | 9.404 | 65 | 168843 | 41.389 | ng | | 96 |
| 49) Acenaphthylene | 9.716 | 152 | 786312 | 43.055 | ng | | 100 |
| 50) Dimethylphthalate | 9.581 | 163 | 596914 | 41.854 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 128114 | 45.513 | ng | | 90 |
| 52) Acenaphthene | 9.886 | 154 | 445953 | 37.497 | ng | | 100 |
| 53) 3-Nitroaniline | 9.816 | 138 | 94114 | 30.806 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.933 | 184 | 117886 | 75.189 | ng | | 86 |
| 55) Dibenzofuran | 10.063 | 168 | 681738 | 39.885 | ng | | 97 |
| 56) 4-Nitrophenol | 10.016 | 139 | 138703 | 62.633 | ng | # | 74 |
| 57) 2,4-Dinitrotoluene | 10.051 | 165 | 167780 | 44.663 | ng | # | 83 |
| 58) Fluorene | 10.404 | 166 | 551183 | 41.581 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232 | 131675 | 35.251 | ng | # | 97 |
| 60) Diethylphthalate | 10.281 | 149 | 587267 | 40.970 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204 | 281651 | 40.966 | ng | | 94 |
| 62) 4-Nitroaniline | 10.433 | 138 | 122887 | 39.728 | ng | | 87 |
| 63) Azobenzene | 10.551 | 77 | 547734 | 38.815 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198 | 91459 | 41.350 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.516 | 169 | 502677 | 43.636 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248 | 182245 | 43.603 | ng | | 94 |
| 68) Hexachlorobenzene | 10.951 | 284 | 205739 | 44.324 | ng | | 96 |
| 69) Atrazine | 11.051 | 200 | 168125 | 45.383 | ng | | 97 |
| 70) Pentachlorophenol | 11.157 | 266 | 176790 | 76.300 | ng | | 98 |
| 71) Phenanthrene | 11.369 | 178 | 797992 | 42.449 | ng | | 99 |
| 72) Anthracene | 11.422 | 178 | 811941 | 43.637 | ng | | 99 |
| 73) Carbazole | 11.580 | 167 | 708370 | 40.989 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 896038 | 42.584 | ng | | 99 |
| 75) Fluoranthene | 12.557 | 202 | 848253 | 43.167 | ng | | 97 |
| 77) Benzidine | 12.680 | 184 | 203315 | 39.387 | ng | | 98 |
| 78) Pyrene | 12.786 | 202 | 843799 | 43.798 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.404 | 149 | 343849 | 42.500 | ng | | 97 |
| 81) Benzo(a)anthracene | 13.980 | 228 | 693458 | 42.962 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.939 | 252 | 186522 | 54.013 | ng | | 98 |
| 83) Chrysene | 14.016 | 228 | 635555 | 41.300 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 447960 | 42.589 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.574 | 149 | 661000 | 41.725 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.921 | 276 | 512023 | 45.210 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 540670 | 45.030 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 543239 | 48.097 | ng | # | 97 |
| 90) Benzo(a)pyrene | 15.392 | 252 | 506279 | 53.649 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 16.939 | 278 | 455630 | 48.502 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.368 | 276 | 442770 | 47.556 | ng | # | 93 |

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

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