Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139202.D
Acq On : 28 Aug 2024 11:38
Operator : RC/JU
Sample : PB163034BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB163034BSD

Quant Time: Aug 28 12:29:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.893 | 152 | 105164 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 395427 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 218164 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 395038 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 193809 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 187033 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 612233 | 97.825 | ng | 0.02 |
| 7) Phenol-d6 | 6.522 | 99 | 800166 | 93.160 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 785861 | 110.101 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 219863 | 117.670 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1311147 | 93.355 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1347470 | 108.483 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.787 | 88 | 108502 | 36.660 | ng | 98 |
| 3) Pyridine | 3.522 | 79 | 293912 | 39.958 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.487 | 42 | 190306 | 44.441 | ng | 96 |
| 6) Aniline | 6.551 | 93 | 328800 | 40.838 | ng | 92 |
| 8) 2-Chlorophenol | 6.675 | 128 | 323058 | 54.332 | ng | 99 |
| 9) Benzaldehyde | 6.440 | 77 | 25756 | 4.791 | ng | 99 |
| 10) Phenol | 6.534 | 94 | 439081 | 50.653 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 324959 | 47.579 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 348562 | 44.454 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 355192 | 45.151 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 339112 | 45.816 | ng | 98 |
| 15) Benzyl Alcohol | 7.034 | 79 | 341041 | 52.678 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169 | 45 | 479204 | 48.400 | ng | 99 |
| 17) 2-Methylphenol | 7.146 | 107 | 274650 | 50.669 | ng | 99 |
| 18) Hexachloroethane | 7.404 | 117 | 127908 | 51.392 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 264857 | 51.557 | ng | 99 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 345199 | 49.926 | ng | 97 |
| 22) Acetophenone | 7.304 | 105 | 465602 | 45.826 | ng | 99 |
| 24) Nitrobenzene | 7.475 | 77 | 398115 | 47.881 | ng | 96 |
| 25) Isophorone | 7.716 | 82 | 711016 | 50.373 | ng | 100 |
| 26) 2-Nitrophenol | 7.793 | 139 | 160916 | 59.767 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 302150 | 72.223 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 399132 | 48.841 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 279528 | 54.132 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 304642 | 45.748 | ng | 99 |
| 31) Naphthalene | 8.198 | 128 | 925097 | 45.753 | ng | 100 |
| 32) Benzoic acid | 7.945 | 122 | 198469 | 53.987 | ng | 98 |
| 33) 4-Chloroaniline | 8.240 | 127 | 181345 | 26.026 | ng | 99 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 194329 | 44.908 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 87995m | 55.549 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 308098 | 52.023 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.887 | 142 | 591930 | 46.699 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.987 | 142 | 552231 | 44.575 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 299159 | 46.231 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.040 | 237 | 410655 | 197.633 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 209677 | 57.950 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 216170 | 56.997 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 745616 | 47.217 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 586615 | 46.564 | ng | | 98 |
| 48) 2-Nitroaniline | 9.469 | 65 | 207561 | 55.009 | ng | | 97 |
| 49) Acenaphthylene | 9.792 | 152 | 894874 | 50.411 | ng | | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 694072 | 55.074 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 153547 | 55.959 | ng | | 92 |
| 52) Acenaphthene | 9.963 | 154 | 650721 | 55.802 | ng | | 100 |
| 53) 3-Nitroaniline | 9.881 | 138 | 106972 | 39.731 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 169255 | 109.329 | ng | # | 48 |
| 55) Dibenzofuran | 10.134 | 168 | 829838 | 48.760 | ng | | 99 |
| 56) 4-Nitrophenol | 10.039 | 139 | 257665 | 109.890 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 200941 | 57.411 | ng | | 95 |
| 58) Fluorene | 10.475 | 166 | 649223 | 48.353 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 187011 | 61.523 | ng | | 99 |
| 60) Diethylphthalate | 10.351 | 149 | 658383 | 55.478 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 320467 | 48.634 | ng | | 98 |
| 62) 4-Nitroaniline | 10.498 | 138 | 144318 | 51.715 | ng | | 97 |
| 63) Azobenzene | 10.628 | 77 | 723378 | 50.141 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 107485 | 63.201 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 563456 | 48.161 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 203565 | 48.498 | ng | | 99 |
| 68) Hexachlorobenzene | 11.022 | 284 | 218339 | 48.066 | ng | | 99 |
| 69) Atrazine | 11.116 | 200 | 180535 | 70.747 | ng | | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 274506 | 102.930 | ng | | 99 |
| 71) Phenanthrene | 11.439 | 178 | 969096 | 48.546 | ng | | 100 |
| 72) Anthracene | 11.492 | 178 | 967869 | 49.738 | ng | | 100 |
| 73) Carbazole | 11.645 | 167 | 822196 | 47.232 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 914192 | 60.594 | ng | | 100 |
| 75) Fluoranthene | 12.628 | 202 | 937525 | 48.394 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 105216 | 32.172 | ng | | 99 |
| 78) Pyrene | 12.851 | 202 | 914365 | 50.226 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.475 | 149 | 239346 | 62.503 | ng | | 100 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 628151 | 48.916 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 149055 | 49.854 | ng | | 100 |
| 83) Chrysene | 14.074 | 228 | 569951 | 49.203 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 275070 | 63.368 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 522438 | 58.475 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.004 | 276 | 689061 | 53.881 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 575818 | 52.630 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 556895 | 56.300 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.457 | 252 | 505638 | 54.448 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 17.027 | 278 | 577395 | 55.085 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.457 | 276 | 567774 | 52.368 | ng | | 98 |

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

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