Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
Data File : BF132868.D
Acq On : 12 Apr 2023 19:21
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

Quant Time: Apr 13 05:21:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:14:42 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.769 | 152 | 250486 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.057 | 136 | 924097 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.810 | 164 | 451177 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.286 | 188 | 792492 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.922 | 240 | 514295 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.345 | 264 | 407320 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 1789089 | 109.533 | ng | | 0.00 |
| 7) Phenol-d6 | 6.404 | 99 | 2278468 | 109.349 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.345 | 82 | 2009207 | 114.659 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.598 | 330 | 533436 | 124.702 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.139 | 172 | 3069228 | 103.857 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.880 | 244 | 3483397 | 118.142 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.463 | 88 | 459316 | 56.571 | ng | | 99 |
| 3) Pyridine | 3.181 | 79 | 1280099 | 57.705 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.146 | 42 | 606458 | 58.069 | ng | | 97 |
| 6) Aniline | 6.440 | 93 | 1540046 | 57.303 | ng | | 100 |
| 8) 2-Chlorophenol | 6.557 | 128 | 892889 | 54.754 | ng | | 96 |
| 9) Benzaldehyde | 6.316 | 77 | 613023 | 58.829 | ng | | 97 |
| 10) Phenol | 6.422 | 94 | 1282087 | 54.406 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.516 | 93 | 948515 | 55.227 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.716 | 146 | 968078 | 54.608 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.793 | 146 | 966020 | 54.188 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.945 | 146 | 877067 | 52.705 | ng | | 98 |
| 15) Benzyl Alcohol | 6.916 | 79 | 797066 | 58.507 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057 | 45 | 1575986 | 55.484 | ng | | 99 |
| 17) 2-Methylphenol | 7.022 | 107 | 826754 | 56.291 | ng | | 99 |
| 18) Hexachloroethane | 7.287 | 117 | 336572 | 55.433 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.198 | 70 | 682157 | 56.987 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.187 | 107 | 923412 | 52.234 | ng | | 94 |
| 22) Acetophenone | 7.187 | 105 | 1165277 | 53.585 | ng | # | 88 |
| 24) Nitrobenzene | 7.363 | 77 | 1025773 | 57.454 | ng | | 99 |
| 25) Isophorone | 7.598 | 82 | 1883234 | 59.246 | ng | | 97 |
| 26) 2-Nitrophenol | 7.675 | 139 | 429008 | 68.121 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.716 | 122 | 778514 | 57.795 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.810 | 93 | 1090601 | 57.358 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.916 | 162 | 732953 | 58.686 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.998 | 180 | 762612 | 56.340 | ng | | 99 |
| 31) Naphthalene | 8.081 | 128 | 2551544 | 54.707 | ng | | 99 |
| 32) Benzoic acid | 7.851 | 122 | 428280m | 60.581 | ng | | |
| 33) 4-Chloroaniline | 8.128 | 127 | 1089186 | 57.603 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.198 | 225 | 429489 | 57.418 | ng | | 98 |
| 35) Caprolactam | 8.516 | 113 | 246965 | 67.630 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.610 | 107 | 788354 | 59.711 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.769 | 142 | 1704286 | 54.341 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.869 | 142 | 1580645 | 53.973 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.939 | 216 | 718543 | 56.424 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.928 | 237 | 393272 | 64.440 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.045 | 196 | 473105 | 60.458 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.081 | 196 | 550425 | 59.383 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.234 | 154 | 1976525 | 54.265 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.257 | 162 | 1462239 | 55.133 | ng | 96 |
| 48) 2-Nitroaniline | 9.351 | 65 | 499852 | 60.475 | ng | 97 |
| 49) Acenaphthylene | 9.675 | 152 | 2347161 | 54.428 | ng | 100 |
| 50) Dimethylphthalate | 9.539 | 163 | 1723467 | 57.619 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.598 | 165 | 408964 | 62.308 | ng | 91 |
| 52) Acenaphthene | 9.845 | 154 | 1540587 | 55.611 | ng | 100 |
| 53) 3-Nitroaniline | 9.763 | 138 | 494523 | 63.843 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.863 | 184 | 184107 | 61.068 | ng | 91 |
| 55) Dibenzofuran | 10.016 | 168 | 2118077 | 54.017 | ng | 97 |
| 56) 4-Nitrophenol | 9.916 | 139 | 381060 | 62.807 | ng | 89 |
| 57) 2,4-Dinitrotoluene | 9.998 | 165 | 525404 | 64.557 | ng | 99 |
| 58) Fluorene | 10.357 | 166 | 1553259 | 53.086 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.134 | 232 | 432430 | 60.676 | ng | 99 |
| 60) Diethylphthalate | 10.239 | 149 | 1610212 | 59.762 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.351 | 204 | 755323 | 54.160 | ng | 97 |
| 62) 4-Nitroaniline | 10.381 | 138 | 485976 | 64.117 | ng | 96 |
| 63) Azobenzene | 10.510 | 77 | 1807127 | 56.098 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198 | 243411 | 61.252 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.475 | 169 | 1433661 | 56.835 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248 | 498722 | 58.807 | ng | 94 |
| 68) Hexachlorobenzene | 10.904 | 284 | 520229 | 58.727 | ng | 94 |
| 69) Atrazine | 10.998 | 200 | 412250 | 62.619 | ng | 99 |
| 70) Pentachlorophenol | 11.092 | 266 | 374170 | 64.530 | ng | 99 |
| 71) Phenanthrene | 11.316 | 178 | 2409329 | 55.040 | ng | 98 |
| 72) Anthracene | 11.369 | 178 | 2462839 | 55.066 | ng | 99 |
| 73) Carbazole | 11.522 | 167 | 2201305 | 55.859 | ng | 99 |
| 74) Di-n-butylphthalate | 11.857 | 149 | 2223605 | 67.370 | ng | 99 |
| 75) Fluoranthene | 12.498 | 202 | 2490865 | 56.799 | ng | 99 |
| 77) Benzidine | 12.622 | 184 | 456040 | 62.136 | ng | 100 |
| 78) Pyrene | 12.727 | 202 | 2567254 | 59.800 | ng | 98 |
| 80) Butylbenzylphthalate | 13.351 | 149 | 466757 | 62.602 | ng | 99 |
| 81) Benzo(a)anthracene | 13.910 | 228 | 2078749 | 58.701 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.880 | 252 | 492926 | 61.484 | ng | 99 |
| 83) Chrysene | 13.951 | 228 | 2017488 | 58.427 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149 | 630336 | 63.217 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.527 | 149 | 964068 | 63.366 | ng | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 16.751 | 276 | 1657397 | 60.487 | ng | 100 |
| 88) Benzo(b)fluoranthene | 14.939 | 252 | 1641240 | 63.599 | ng | 100 |
| 89) Benzo(k)fluoranthene | 14.974 | 252 | 1505766 | 56.902 | ng | 98 |
| 90) Benzo(a)pyrene | 15.292 | 252 | 1447194 | 61.436 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.774 | 278 | 1363535 | 60.811 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.174 | 276 | 1418110 | 60.835 | ng | 99 |

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

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