Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132254.D
Acq On : 01 Feb 2023 11:48
Operator : CG\JU
Sample : PB150575BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 02 00:52:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB150575BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.072 | 152 | 180055 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.360 | 136 | 666172 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.125 | 164 | 332791 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.625 | 188 | 621047 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.289 | 240 | 425447 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.871 | 264 | 439400 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.696 | 112 | 1078873 | 96.314 | ng | 0.01 |
| 7) Phenol-d6 | 6.684 | 99 | 1332455 | 96.484 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.631 | 82 | 811491 | 67.786 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.919 | 330 | 355239 | 103.801 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.437 | 172 | 1388447 | 64.428 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.213 | 244 | 1474072 | 67.023 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.043 | 88 | 219724 | 41.687 | ng | 99 |
| 3) Pyridine | 3.790 | 79 | 527861 | 36.916 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.749 | 42 | 189551 | 41.428 | ng | 98 |
| 6) Aniline | 6.731 | 93 | 610054m | 32.553 | ng | |
| 8) 2-Chlorophenol | 6.854 | 128 | 514435 | 44.342 | ng | 100 |
| 9) Benzaldehyde | 6.619 | 77 | 352502 | 49.713 | ng | 95 |
| 10) Phenol | 6.701 | 94 | 623179 | 43.597 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.801 | 93 | 513206 | 43.625 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.013 | 146 | 565264 | 46.067 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.090 | 146 | 566211 | 46.228 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.243 | 146 | 527206 | 46.154 | ng | 99 |
| 15) Benzyl Alcohol | 7.207 | 79 | 432094 | 42.880 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.337 | 45 | 527197 | 42.535 | ng | 99 |
| 17) 2-Methylphenol | 7.307 | 107 | 420398 | 41.396 | ng | 99 |
| 18) Hexachloroethane | 7.584 | 117 | 213399 | 46.443 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.478 | 70 | 307862 | 39.246 | ng | 98 |
| 20) 3+4-Methylphenols | 7.460 | 107 | 537484 | 41.466 | ng | 97 |
| 22) Acetophenone | 7.478 | 105 | 676557 | 43.185 | ng | 99 |
| 24) Nitrobenzene | 7.654 | 77 | 516204 | 42.208 | ng | 97 |
| 25) Isophorone | 7.890 | 82 | 962350 | 42.354 | ng | 100 |
| 26) 2-Nitrophenol | 7.966 | 139 | 281155 | 47.196 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.996 | 122 | 475484 | 45.601 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 8.095 | 93 | 596606 | 42.727 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.207 | 162 | 412298 | 44.537 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.295 | 180 | 452547 | 45.650 | ng | 98 |
| 31) Naphthalene | 8.384 | 128 | 1413865 | 43.117 | ng | 100 |
| 32) Benzoic acid | 8.101 | 122 | 355724 | 46.089 | ng | 96 |
| 33) 4-Chloroaniline | 8.419 | 127 | 240482 | 16.539 | ng | 99 |
| 34) Hexachlorobutadiene | 8.495 | 225 | 251412 | 45.112 | ng | 100 |
| 35) Caprolactam | 8.795 | 113 | 146115m | 46.297 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.895 | 107 | 443223 | 44.441 | ng | 98 |
| 37) 2-Methylnaphthalene | 9.072 | 142 | 928234 | 41.791 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.172 | 142 | 863344 | 41.826 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.242 | 216 | 406750 | 43.432 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.225 | 237 | 556495 | 101.849 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.348 | 196 | 297214 | 44.397 | ng | 100 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.384 | 196 | 316057 | 41.018 | ng | 98 |
| 46) | 1,1'-Biphenyl | 9.537 | 154 | 1108344 | 43.200 | ng | 99 |
| 47) | 2-Chloronaphthalene | 9.566 | 162 | 862716 | 44.149 | ng | 99 |
| 48) | 2-Nitroaniline | 9.660 | 65 | 244904 | 42.140 | ng | 84 |
| 49) | Acenaphthylene | 9.989 | 152 | 1365362 | 42.812 | ng | 99 |
| 50) | Dimethylphthalate | 9.837 | 163 | 990867 | 42.565 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 9.895 | 165 | 232807 | 44.779 | ng | 98 |
| 52) | Acenaphthene | 10.160 | 154 | 934923 | 46.824 | ng | 99 |
| 53) | 3-Nitroaniline | 10.066 | 138 | 177371 | 28.132 | ng | 97 |
| 54) | 2,4-Dinitrophenol | 10.172 | 184 | 259593 | 85.805 | ng | 95 |
| 55) | Dibenzofuran | 10.331 | 168 | 1182595 | 42.155 | ng | 99 |
| 56) | 4-Nitrophenol | 10.219 | 139 | 425995 | 89.787 | ng | 90 |
| 57) | 2,4-Dinitrotoluene | 10.307 | 165 | 310219 | 45.934 | ng | 89 |
| 58) | Fluorene | 10.678 | 166 | 908054 | 42.058 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.442 | 232 | 253363 | 45.104 | ng | 99 |
| 60) | Diethylphthalate | 10.537 | 149 | 998078 | 43.098 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 10.666 | 204 | 431274 | 42.091 | ng | 99 |
| 62) | 4-Nitroaniline | 10.689 | 138 | 251334 | 41.570 | ng | 97 |
| 63) | Azobenzene | 10.825 | 77 | 932929 | 41.358 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 10.713 | 198 | 165497 | 46.952 | ng | 99 |
| 66) | n-Nitrosodiphenylamine | 10.784 | 169 | 812408 | 41.775 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 11.160 | 248 | 271136 | 42.635 | ng | 99 |
| 68) | Hexachlorobenzene | 11.225 | 284 | 308921 | 45.448 | ng | 99 |
| 69) | Atrazine | 11.307 | 200 | 270953 | 48.439 | ng | 97 |
| 70) | Pentachlorophenol | 11.419 | 266 | 358437 | 76.748 | ng | 100 |
| 71) | Phenanthrene | 11.648 | 178 | 1380523 | 42.539 | ng | 100 |
| 72) | Anthracene | 11.701 | 178 | 1399063 | 42.361 | ng | 99 |
| 73) | Carbazole | 11.854 | 167 | 1272808 | 42.980 | ng | 100 |
| 74) | Di-n-butylphthalate | 12.172 | 149 | 1489474 | 42.544 | ng | 99 |
| 75) | Fluoranthene | 12.848 | 202 | 1407867 | 42.511 | ng | 99 |
| 77) | Benzidine | 12.960 | 184 | 750852 | 50.481 | ng | 100 |
| 78) | Pyrene | 13.078 | 202 | 1440380 | 42.093 | ng | 99 |
| 80) | Butylbenzylphthalate | 13.689 | 149 | 663584 | 43.892 | ng | 99 |
| 81) | Benzo(a)anthracene | 14.277 | 228 | 1290062 | 43.354 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 14.230 | 252 | 273737 | 28.883 | ng | 99 |
| 83) | Chrysene | 14.313 | 228 | 1204246 | 43.220 | ng | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.242 | 149 | 898167 | 43.952 | ng | 100 |
| 85) | Di-n-octyl phthalate | 14.883 | 149 | 1509686 | 45.294 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.524 | 276 | 1283038 | 43.945 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 15.395 | 252 | 1287826 | 46.109 | ng | 100 |
| 89) | Benzo(k)fluoranthene | 15.430 | 252 | 1179562 | 44.244 | ng | 100 |
| 90) | Benzo(a)pyrene | 15.807 | 252 | 1085370 | 41.731 | ng | 100 |
| 91) | Dibenzo(a,h)anthracene | 17.548 | 278 | 1036668 | 44.163 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 18.036 | 276 | 1042807 | 43.001 | ng | 98 |

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

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