Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031022\
Data File : BF127288.D
Acq On : 10 Mar 2022 15:04
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Mar 10 15:42:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 14:28:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 82297 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 269733 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 162734 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 299257 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 235011 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 195165 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 472181 | 84.977 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 638038 | 85.506 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.440 | 82 | 623438 | 92.452 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 166781 | 92.136 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 1078225 | 88.711 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 1250454 | 87.794 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.634 | 88 | 132590 | 47.510 | ng | # | 82 |
| 3) Pyridine | 3.405 | 79 | 370211 | 50.611 | ng | # | 76 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 203178 | 50.270 | ng | # | 63 |
| 6) Aniline | 6.540 | 93 | 389295 | 43.998 | ng | | 93 |
| 8) 2-Chlorophenol | 6.657 | 128 | 239904 | 42.844 | ng | | 89 |
| 9) Benzaldehyde | 6.428 | 77 | 161780 | 37.632 | ng | | 95 |
| 10) Phenol | 6.522 | 94 | 346783 | 42.193 | ng | | 74 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 262977 | 43.742 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 273207 | 43.533 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 273955 | 43.567 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 252374 | 42.112 | ng | | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 250087 | 45.070 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 490394 | 42.887 | ng | | 99 |
| 17) 2-Methylphenol | 7.128 | 107 | 206113 | 43.495 | ng | # | 88 |
| 18) Hexachloroethane | 7.381 | 117 | 103897 | 43.273 | ng | # | 79 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 197482 | 42.510 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 248891 | 41.006 | ng | | 91 |
| 22) Acetophenone | 7.287 | 105 | 336351 | 44.471 | ng | # | 88 |
| 24) Nitrobenzene | 7.457 | 77 | 296834 | 46.642 | ng | | 92 |
| 25) Isophorone | 7.698 | 82 | 514310 | 47.916 | ng | # | 98 |
| 26) 2-Nitrophenol | 7.775 | 139 | 124789 | 47.892 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 186803 | 47.425 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 322436 | 47.134 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 214948 | 47.368 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 249663 | 48.297 | ng | | 98 |
| 31) Naphthalene | 8.175 | 128 | 682382 | 45.529 | ng | | 100 |
| 32) Benzoic acid | 7.951 | 122 | 137534 | 66.987 | ng | | 88 |
| 33) 4-Chloroaniline | 8.228 | 127 | 269558 | 46.215 | ng | # | 91 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 167297 | 48.405 | ng | | 98 |
| 35) Caprolactam | 8.616 | 113 | 64403 | 48.508 | ng | # | 68 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 241734 | 49.380 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 459912 | 47.272 | ng | | 96 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 445495 | 47.714 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 242256 | 45.139 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 99907 | 68.727 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 160319 | 48.323 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 169340 | 47.892 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 569223 | 44.278 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 450501 | 45.351 | ng | | 98 |
| 48) 2-Nitroaniline | 9.463 | 65 | 179566 | 47.662 | ng | | 91 |
| 49) Acenaphthylene | 9.781 | 152 | 686333 | 44.662 | ng | | 98 |
| 50) Dimethylphthalate | 9.639 | 163 | 565654 | 46.979 | ng | # | 99 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 115132 | 47.545 | ng | # | 90 |
| 52) Acenaphthene | 9.951 | 154 | 409181 | 44.676 | ng | | 96 |
| 53) 3-Nitroaniline | 9.881 | 138 | 120764 | 45.638 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 62652 | 64.375 | ng | | 93 |
| 55) Dibenzofuran | 10.122 | 168 | 624109 | 43.680 | ng | | 97 |
| 56) 4-Nitrophenol | 10.045 | 139 | 83210 | 53.881 | ng | # | 81 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 151782 | 47.445 | ng | # | 92 |
| 58) Fluorene | 10.469 | 166 | 485466 | 43.578 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 148038 | 51.266 | ng | # | 78 |
| 60) Diethylphthalate | 10.334 | 149 | 514104 | 46.431 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 269338 | 45.177 | ng | # | 87 |
| 62) 4-Nitroaniline | 10.498 | 138 | 121359 | 46.012 | ng | # | 77 |
| 63) Azobenzene | 10.616 | 77 | 571671 | 44.617 | ng | | 88 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 93979 | 51.671 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 10.581 | 169 | 422692 | 43.194 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 166890 | 44.174 | ng | | 96 |
| 68) Hexachlorobenzene | 11.010 | 284 | 179696 | 43.700 | ng | # | 93 |
| 69) Atrazine | 11.104 | 200 | 150347 | 44.232 | ng | | 95 |
| 70) Pentachlorophenol | 11.210 | 266 | 83171 | 59.283 | ng | | 98 |
| 71) Phenanthrene | 11.433 | 178 | 722634 | 43.653 | ng | | 100 |
| 72) Anthracene | 11.486 | 178 | 720824 | 43.843 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 687309 | 44.728 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 813430 | 45.332 | ng | | 100 |
| 75) Fluoranthene | 12.622 | 202 | 822807 | 44.507 | ng | | 92 |
| 77) Benzidine | 12.745 | 184 | 251680 | 42.179 | ng | | 96 |
| 78) Pyrene | 12.857 | 202 | 842430 | 44.063 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.463 | 149 | 340916 | 47.258 | ng | # | 97 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 749499 | 45.856 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 221627 | 42.477 | ng | # | 95 |
| 83) Chrysene | 14.086 | 228 | 695814 | 45.730 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 452777 | 46.441 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 742648 | 50.817 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.057 | 276 | 541203 | 45.310 | ng | # | 83 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 628222 | 47.972 | ng | # | 93 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 558099 | 44.340 | ng | # | 92 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 484221 | 47.068 | ng | # | 92 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 448622 | 44.806 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 418733 | 43.020 | ng | # | 83 |

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

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