Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130685.D
Acq On : 17 Oct 2022 14:17
Operator : CG\JU
Sample : PB148379BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 03:20:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB148379BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.575 | 152 | 81336 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.857 | 136 | 317683 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.610 | 164 | 166169 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.086 | 188 | 299023 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.722 | 240 | 233113 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.092 | 264 | 157123 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.187 | 112 | 644465 | 142.824 | ng | | 0.02 |
| 7) Phenol-d6 | 6.234 | 99 | 775871 | 136.761 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.151 | 82 | 486919 | 83.672 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.398 | 330 | 250856 | 154.282 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 8.939 | 172 | 980899 | 89.416 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.675 | 244 | 1193011 | 84.941 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.210 | 88 | 71966 | 26.362 | ng | | 99 |
| 3) Pyridine | 2.875 | 79 | 177712 | 36.393 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.834 | 42 | 109958 | 47.792 | ng | | 95 |
| 6) Aniline | 6.240 | 93 | 267647 | 39.406 | ng | # | 79 |
| 8) 2-Chlorophenol | 6.363 | 128 | 250432 | 47.194 | ng | | 97 |
| 9) Benzaldehyde | 6.122 | 77 | 139129 | 39.034 | ng | | 95 |
| 10) Phenol | 6.245 | 94 | 295944 | 45.084 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.322 | 93 | 220613 | 46.267 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.510 | 146 | 266728 | 45.908 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.593 | 146 | 275980 | 46.822 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.740 | 146 | 261720 | 47.677 | ng | | 99 |
| 15) Benzyl Alcohol | 6.734 | 79 | 182593 | 44.829 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 6.863 | 45 | 267695 | 43.638 | ng | | 87 |
| 17) 2-Methylphenol | 6.851 | 107 | 190060 | 45.027 | ng | | 96 |
| 18) Hexachloroethane | 7.081 | 117 | 102749 | 46.079 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.004 | 70 | 160561 | 43.866 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.004 | 107 | 246053 | 43.502 | ng | | 97 |
| 22) Acetophenone | 6.998 | 105 | 345302 | 45.310 | ng | # | 97 |
| 24) Nitrobenzene | 7.169 | 77 | 249673 | 42.662 | ng | | 98 |
| 25) Isophorone | 7.410 | 82 | 437862 | 45.208 | ng | | 98 |
| 26) 2-Nitrophenol | 7.481 | 139 | 133202 | 46.412 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.528 | 122 | 202163 | 50.540 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.622 | 93 | 264785 | 47.214 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.728 | 162 | 202949 | 45.348 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.804 | 180 | 215821 | 44.732 | ng | | 99 |
| 31) Naphthalene | 7.881 | 128 | 713856 | 43.410 | ng | | 99 |
| 32) Benzoic acid | 7.698 | 122 | 106272 | 41.995 | ng | | 95 |
| 33) 4-Chloroaniline | 7.940 | 127 | 212127 | 33.300 | ng | | 100 |
| 34) Hexachlorobutadiene | 7.992 | 225 | 138777 | 46.343 | ng | | 99 |
| 35) Caprolactam | 8.322 | 113 | 65349m | 48.532 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.439 | 107 | 215022 | 44.294 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.569 | 142 | 468221 | 45.245 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.669 | 142 | 438755 | 43.674 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.734 | 216 | 219120 | 48.603 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.722 | 237 | 157277 | 89.871 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 8.857 | 196 | 133886 | 44.229 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 8.904 | 196 | 146928 | 44.136 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.034 | 154 | 572095 | 47.506 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.057 | 162 | 447747 | 45.492 | ng | | 98 |
| 48) 2-Nitroaniline | 9.169 | 65 | 133231 | 44.968 | ng | | 99 |
| 49) Acenaphthylene | 9.469 | 152 | 664383 | 45.052 | ng | | 99 |
| 50) Dimethylphthalate | 9.345 | 163 | 519921 | 45.200 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.410 | 165 | 116721 | 46.259 | ng | | 98 |
| 52) Acenaphthene | 9.639 | 154 | 404859 | 45.313 | ng | | 99 |
| 53) 3-Nitroaniline | 9.581 | 138 | 95516 | 34.534 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.698 | 184 | 114983 | 88.843 | ng | | 98 |
| 55) Dibenzofuran | 9.816 | 168 | 617398 | 45.360 | ng | | 99 |
| 56) 4-Nitrophenol | 9.763 | 139 | 134155 | 87.970 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 9.816 | 165 | 159391 | 49.152 | ng | | 91 |
| 58) Fluorene | 10.157 | 166 | 508555 | 45.447 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 9.939 | 232 | 121172 | 45.657 | ng | | 96 |
| 60) Diethylphthalate | 10.045 | 149 | 509670 | 44.409 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.151 | 204 | 234778 | 46.407 | ng | | 94 |
| 62) 4-Nitroaniline | 10.198 | 138 | 120332 | 45.568 | ng | | 98 |
| 63) Azobenzene | 10.310 | 77 | 459585 | 42.516 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.228 | 198 | 84007 | 44.956 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.275 | 169 | 436639 | 43.898 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.633 | 248 | 153601 | 45.398 | ng | | 95 |
| 68) Hexachlorobenzene | 10.698 | 284 | 179669 | 46.976 | ng | | 93 |
| 69) Atrazine | 10.810 | 200 | 147185 | 54.341 | ng | | 97 |
| 70) Pentachlorophenol | 10.904 | 266 | 137467 | 92.348 | ng | | 97 |
| 71) Phenanthrene | 11.116 | 178 | 742609 | 44.825 | ng | | 100 |
| 72) Anthracene | 11.163 | 178 | 742690 | 45.902 | ng | | 99 |
| 73) Carbazole | 11.328 | 167 | 696813 | 48.264 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.657 | 149 | 807538 | 46.175 | ng | | 100 |
| 75) Fluoranthene | 12.298 | 202 | 799815 | 50.232 | ng | | 99 |
| 77) Benzidine | 12.427 | 184 | 314653 | 53.401 | ng | | 98 |
| 78) Pyrene | 12.522 | 202 | 811327 | 40.343 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.151 | 149 | 345739 | 44.709 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.710 | 228 | 691743 | 44.039 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.680 | 252 | 197254 | 43.458 | ng | # | 97 |
| 83) Chrysene | 13.745 | 228 | 650023 | 43.647 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.710 | 149 | 443246 | 47.279 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.316 | 149 | 648844 | 45.190 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.380 | 276 | 533711 | 45.383 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 14.716 | 252 | 542363 | 54.512 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.739 | 252 | 507117 | 50.058 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.039 | 252 | 426303 | 51.482 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.392 | 278 | 465695 | 48.310 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 16.768 | 276 | 480505 | 53.519 | ng | | 98 |

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

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