Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031022\
Data File : BF127289.D
Acq On : 10 Mar 2022 15:32
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 10 15:54:48 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

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 82412 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 287227 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 162536 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 292128 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 207243 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 156014 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 546496 | 98.213 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 755663 | 101.128 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 782142 | 108.922 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 203508 | 112.562 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 1242885 | 102.383 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 1373235 | 109.333 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.646 | 88 | 154875 | 55.418 | ng | # | 82 |
| 3) Pyridine | 3.410 | 79 | 414592 | 56.599 | ng | # | 76 |
| 4) n-Nitrosodimethylamine | 3.399 | 42 | 234701 | 57.988 | ng | # | 63 |
| 6) Aniline | 6.545 | 93 | 457287 | 51.611 | ng | | 93 |
| 8) 2-Chlorophenol | 6.663 | 128 | 289223 | 51.580 | ng | | 93 |
| 9) Benzaldehyde | 6.428 | 77 | 194392 | 45.155 | ng | | 93 |
| 10) Phenol | 6.528 | 94 | 413903 | 50.289 | ng | # | 66 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 311471 | 51.736 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 322415 | 51.302 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 321795 | 51.103 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 296518 | 49.409 | ng | | 98 |
| 15) Benzyl Alcohol | 7.022 | 79 | 299582 | 53.915 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 576204 | 50.321 | ng | | 100 |
| 17) 2-Methylphenol | 7.128 | 107 | 245676 | 51.771 | ng | # | 89 |
| 18) Hexachloroethane | 7.381 | 117 | 130041 | 54.087 | ng | # | 78 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 231661 | 49.798 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 284917 | 46.876 | ng | # | 83 |
| 22) Acetophenone | 7.287 | 105 | 392868 | 48.780 | ng | # | 81 |
| 24) Nitrobenzene | 7.463 | 77 | 369448 | 54.517 | ng | | 92 |
| 25) Isophorone | 7.698 | 82 | 617939 | 54.064 | ng | # | 96 |
| 26) 2-Nitrophenol | 7.775 | 139 | 154645 | 55.736 | ng | # | 73 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 226437 | 53.986 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 386488 | 53.056 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 261159 | 54.046 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 293125 | 53.251 | ng | | 98 |
| 31) Naphthalene | 8.181 | 128 | 842243 | 52.772 | ng | | 99 |
| 32) Benzoic acid | 7.963 | 122 | 173289 | 79.262 | ng | | 88 |
| 33) 4-Chloroaniline | 8.234 | 127 | 320994 | 51.682 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 196680 | 53.441 | ng | | 98 |
| 35) Caprolactam | 8.628 | 113 | 79388m | 56.153 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 275412 | 52.833 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 540447 | 52.166 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 527466 | 53.053 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 285264 | 53.218 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 127202 | 87.609 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 190795 | 57.579 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 199345 | 56.446 | ng | | 92 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 685609 | 53.396 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 537340 | 54.159 | ng | | 100 |
| 48) 2-Nitroaniline | 9.463 | 65 | 213125 | 56.638 | ng | | 88 |
| 49) Acenaphthylene | 9.781 | 152 | 799344 | 52.080 | ng | | 98 |
| 50) Dimethylphthalate | 9.639 | 163 | 643799 | 53.534 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 134598 | 55.651 | ng | | 95 |
| 52) Acenaphthene | 9.951 | 154 | 474661 | 51.888 | ng | | 96 |
| 53) 3-Nitroaniline | 9.881 | 138 | 148526 | 56.199 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 79327 | 81.608 | ng | | 95 |
| 55) Dibenzofuran | 10.122 | 168 | 758284 | 53.135 | ng | | 98 |
| 56) 4-Nitrophenol | 10.045 | 139 | 95487 | 61.906 | ng | # | 69 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 180748 | 56.568 | ng | # | 90 |
| 58) Fluorene | 10.469 | 166 | 562985 | 50.598 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 171993 | 59.634 | ng | # | 80 |
| 60) Diethylphthalate | 10.339 | 149 | 595714 | 53.867 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 314573 | 52.829 | ng | # | 87 |
| 62) 4-Nitroaniline | 10.504 | 138 | 142036 | 53.917 | ng | # | 81 |
| 63) Azobenzene | 10.616 | 77 | 664116 | 51.895 | ng | | 87 |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198 | 111204 | 62.634 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 483357 | 50.598 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 191755 | 51.994 | ng | | 99 |
| 68) Hexachlorobenzene | 11.010 | 284 | 212907 | 53.040 | ng | # | 91 |
| 69) Atrazine | 11.104 | 200 | 163289 | 49.212 | ng | | 93 |
| 70) Pentachlorophenol | 11.210 | 266 | 100236 | 73.190 | ng | | 98 |
| 71) Phenanthrene | 11.433 | 178 | 847864 | 52.467 | ng | | 99 |
| 72) Anthracene | 11.486 | 178 | 821444 | 51.183 | ng | | 100 |
| 73) Carbazole | 11.645 | 167 | 773336 | 51.555 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 941867 | 53.771 | ng | | 99 |
| 75) Fluoranthene | 12.622 | 202 | 926857 | 51.359 | ng | | 93 |
| 77) Benzidine | 12.745 | 184 | 291552 | 55.408 | ng | | 96 |
| 78) Pyrene | 12.857 | 202 | 920076 | 54.572 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.463 | 149 | 359431 | 56.500 | ng | # | 96 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 785878 | 54.524 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 230994 | 50.205 | ng | # | 94 |
| 83) Chrysene | 14.080 | 228 | 724234 | 53.975 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 478285 | 55.630 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 705566 | 54.748 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 589278 | 61.716 | ng | # | 83 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 555433 | 53.057 | ng | # | 91 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 539294 | 53.599 | ng | # | 93 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 460767 | 56.028 | ng | # | 91 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 479070 | 59.854 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 496488 | 63.809 | ng | # | 84 |

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

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