Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127678.D
Acq On : 07 Apr 2022 12:22
Operator : CG\JU
Sample : PB143795BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 07 16:51:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB143795BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
04/08/2022

Supervised By :Jagrut Upadhyay
04/08/2022

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.963 | 152 | 124887 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.251 | 136 | 456863 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.016 | 164 | 257360 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.504 | 188 | 478458 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.157 | 240 | 385876 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.680 | 264 | 289249 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 950817 | 123.711 | ng | | 0.01 |
| 7) Phenol-d6 | 6.587 | 99 | 1211195 | 120.461 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.534 | 82 | 860422 | 83.961 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.810 | 330 | 386171 | 141.005 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.333 | 172 | 1445113 | 79.436 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.098 | 244 | 1821753 | 77.926 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.934 | 88 | 138036 | 37.865 | ng | | 87 |
| 3) Pyridine | 3.669 | 79 | 366240 | 38.143 | ng | | 84 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 229471 | 44.439 | ng | # | 96 |
| 6) Aniline | 6.628 | 93 | 524903 | 43.771 | ng | | 95 |
| 8) 2-Chlorophenol | 6.751 | 128 | 376405 | 48.279 | ng | | 93 |
| 9) Benzaldehyde | 6.522 | 77 | 284978 | 60.211 | ng | | 94 |
| 10) Phenol | 6.598 | 94 | 459214 | 45.675 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 379657 | 45.726 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.904 | 146 | 404142 | 45.366 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 408542 | 45.366 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.134 | 146 | 390031 | 45.311 | ng | | 98 |
| 15) Benzyl Alcohol | 7.104 | 79 | 376029m | 42.779 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234 | 45 | 558898 | 42.645 | ng | | 98 |
| 17) 2-Methylphenol | 7.210 | 107 | 313274 | 46.193 | ng | | 99 |
| 18) Hexachloroethane | 7.481 | 117 | 156289 | 45.482 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.381 | 70 | 287624 | 44.228 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.363 | 107 | 384772 | 44.522 | ng | # | 68 |
| 22) Acetophenone | 7.375 | 105 | 533814 | 43.482 | ng | # | 85 |
| 24) Nitrobenzene | 7.551 | 77 | 450514 | 45.351 | ng | | 97 |
| 25) Isophorone | 7.786 | 82 | 826766 | 46.235 | ng | | 99 |
| 26) 2-Nitrophenol | 7.863 | 139 | 181515 | 50.844 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 351259 | 50.254 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.998 | 93 | 462153 | 41.915 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.104 | 162 | 327247 | 43.462 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.186 | 180 | 371586 | 42.880 | ng | | 98 |
| 31) Naphthalene | 8.275 | 128 | 1042598 | 43.551 | ng | | 98 |
| 32) Benzoic acid | 8.016 | 122 | 223375 | 44.049 | ng | | 96 |
| 33) 4-Chloroaniline | 8.316 | 127 | 158229 | 16.783 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.386 | 225 | 255695 | 42.895 | ng | | 98 |
| 35) Caprolactam | 8.692 | 113 | 102650m | 46.126 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.798 | 107 | 352560 | 44.661 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.963 | 142 | 697042 | 43.534 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.069 | 142 | 664031 | 42.967 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.133 | 216 | 372263 | 44.101 | ng | # | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 514987 | 101.280 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.239 | 196 | 244712 | 42.701 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.280 | 196 | 260039 | 44.968 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.433 | 154 | 856972 | 43.540 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.457 | 162 | 678018 | 43.348 | ng | | 97 |
| 48) 2-Nitroaniline | 9.551 | 65 | 236645 | 48.714 | ng | | 96 |
| 49) Acenaphthylene | 9.880 | 152 | 1114936 | 46.863 | ng | | 99 |
| 50) Dimethylphthalate | 9.733 | 163 | 812450 | 43.552 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.792 | 165 | 174711 | 49.685 | ng | | 95 |
| 52) Acenaphthene | 10.051 | 154 | 719750 | 48.019 | ng | | 98 |
| 53) 3-Nitroaniline | 9.963 | 138 | 111018 | 29.885 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 10.069 | 184 | 169340 | 96.025 | ng | | 90 |
| 55) Dibenzofuran | 10.222 | 168 | 940982 | 43.021 | ng | | 96 |
| 56) 4-Nitrophenol | 10.122 | 139 | 285235 | 97.757 | ng | | 84 |
| 57) 2,4-Dinitrotoluene | 10.198 | 165 | 238760 | 54.767 | ng | | 93 |
| 58) Fluorene | 10.563 | 166 | 720391 | 44.575 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.333 | 232 | 229410 | 45.527 | ng | | 99 |
| 60) Diethylphthalate | 10.433 | 149 | 770192 | 43.145 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.557 | 204 | 377660 | 42.530 | ng | | 99 |
| 62) 4-Nitroaniline | 10.586 | 138 | 174419 | 49.853 | ng | | 88 |
| 63) Azobenzene | 10.716 | 77 | 835253 | 41.873 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198 | 108857 | 47.105 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.675 | 169 | 648703 | 43.049 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248 | 259097 | 44.620 | ng | # | 91 |
| 68) Hexachlorobenzene | 11.110 | 284 | 289277 | 45.573 | ng | | 96 |
| 69) Atrazine | 11.204 | 200 | 244146 | 48.765 | ng | | 99 |
| 70) Pentachlorophenol | 11.304 | 266 | 341073 | 89.965 | ng | | 97 |
| 71) Phenanthrene | 11.533 | 178 | 1106524 | 43.649 | ng | | 100 |
| 72) Anthracene | 11.586 | 178 | 1112810 | 44.378 | ng | | 98 |
| 73) Carbazole | 11.739 | 167 | 1023931 | 43.578 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.063 | 149 | 1167375 | 41.561 | ng | | 99 |
| 75) Fluoranthene | 12.727 | 202 | 1284512 | 46.434 | ng | | 98 |
| 77) Benzidine | 12.845 | 184 | 706047 | 70.103 | ng | | 100 |
| 78) Pyrene | 12.957 | 202 | 1300333 | 39.906 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.568 | 149 | 484591 | 39.942 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.145 | 228 | 1156020 | 44.855 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.104 | 252 | 252746 | 31.457 | ng | | 97 |
| 83) Chrysene | 14.186 | 228 | 1072919 | 43.370 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149 | 635601 | 37.167 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.751 | 149 | 960944 | 38.430 | ng | # | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 17.245 | 276 | 761653 | 42.145 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.227 | 252 | 987493 | 53.070 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.262 | 252 | 853133 | 46.228 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.615 | 252 | 835627 | 55.252 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.268 | 278 | 656286 | 44.820 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.727 | 276 | 662712 | 44.147 | ng | | 97 |

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

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