Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126536.D
Acq On : 7 Jan 2022 12:36
Operator : JU/CG
Sample : PB141764BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 07 15:23:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB141764BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.781 | 152 | 99949 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.063 | 136 | 422329 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.822 | 164 | 197263 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.310 | 188 | 306618 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.951 | 240 | 161039 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.398 | 264 | 158496 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.404 | 112 | 811776 | 116.635 | ng | | 0.01 |
| 7) Phenol-d6 | 6.422 | 99 | 1037960 | 115.142 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.345 | 82 | 668305 | 81.252 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.616 | 330 | 207306 | 135.997 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.145 | 172 | 924380 | 82.461 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.898 | 244 | 764409 | 92.226 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.563 | 88 | 120549 | 34.539 | ng | | 99 |
| 3) Pyridine | 3.293 | 79 | 271165 | 28.803 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.240 | 42 | 151683 | 39.188 | ng | | 95 |
| 6) Aniline | 6.445 | 93 | 289084 | 25.789 | ng | | 96 |
| 8) 2-Chlorophenol | 6.569 | 128 | 333412 | 48.036 | ng | | 92 |
| 9) Benzaldehyde | 6.328 | 77 | 213904 | 38.330 | ng | | 95 |
| 10) Phenol | 6.434 | 94 | 413082 | 41.062 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.516 | 93 | 338767 | 44.102 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.722 | 146 | 314512 | 45.345 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.798 | 146 | 313779 | 45.322 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.951 | 146 | 311294 | 46.146 | ng | | 96 |
| 15) Benzyl Alcohol | 6.928 | 79 | 285895 | 45.328 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057 | 45 | 531887 | 44.089 | ng | | 99 |
| 17) 2-Methylphenol | 7.039 | 107 | 267232 | 43.769 | ng | | 98 |
| 18) Hexachloroethane | 7.292 | 117 | 123394 | 44.734 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.204 | 70 | 220058 | 42.779 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.192 | 107 | 305518 | 42.031 | ng | # | 90 |
| 22) Acetophenone | 7.192 | 105 | 437568 | 44.817 | ng | # | 94 |
| 24) Nitrobenzene | 7.363 | 77 | 352460 | 42.822 | ng | | 97 |
| 25) Isophorone | 7.604 | 82 | 627463 | 42.614 | ng | | 100 |
| 26) 2-Nitrophenol | 7.681 | 139 | 171156 | 46.908 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.722 | 122 | 285671 | 50.071 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.816 | 93 | 406854 | 42.298 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.928 | 162 | 242385 | 46.528 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.010 | 180 | 252937 | 46.587 | ng | | 99 |
| 31) Naphthalene | 8.086 | 128 | 917895 | 46.047 | ng | | 100 |
| 32) Benzoic acid | 7.863 | 122 | 188796 | 45.966 | ng | | 97 |
| 33) 4-Chloroaniline | 8.133 | 127 | 89261 | 10.689 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.204 | 225 | 125184 | 47.438 | ng | | 97 |
| 35) Caprolactam | 8.516 | 113 | 89973m | 67.890 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.628 | 107 | 288363 | 45.356 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.780 | 142 | 579136 | 49.249 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.880 | 142 | 531387 | 46.739 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.951 | 216 | 201422 | 46.990 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.933 | 237 | 203443 | 116.572 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.063 | 196 | 144565 | 45.603 | ng | | 97 |

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Quant Time: Jan 07 15:23:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.104 | 196 | 150635 | 44.146 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.245 | 154 | 676052 | 46.727 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.269 | 162 | 494027 | 45.082 | ng | | 99 |
| 48) 2-Nitroaniline | 9.369 | 65 | 177541 | 40.121 | ng | # | 87 |
| 49) Acenaphthylene | 9.686 | 152 | 759495 | 45.697 | ng | | 99 |
| 50) Dimethylphthalate | 9.551 | 163 | 554895 | 45.060 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.610 | 165 | 125407 | 47.154 | ng | | 98 |
| 52) Acenaphthene | 9.857 | 154 | 467444 | 42.900 | ng | | 99 |
| 53) 3-Nitroaniline | 9.775 | 138 | 62912 | 17.253 | ng | | 91 |
| 54) 2,4-Dinitrophenol | 9.892 | 184 | 111900 | 81.782 | ng | # | 78 |
| 55) Dibenzofuran | 10.033 | 168 | 640875 | 43.508 | ng | | 98 |
| 56) 4-Nitrophenol | 9.951 | 139 | 209219 | 80.676 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.016 | 165 | 165117 | 48.122 | ng | | 96 |
| 58) Fluorene | 10.374 | 166 | 473893 | 45.502 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232 | 114207 | 46.632 | ng | | 93 |
| 60) Diethylphthalate | 10.251 | 149 | 526276 | 44.343 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204 | 204555 | 45.007 | ng | | 99 |
| 62) 4-Nitroaniline | 10.398 | 138 | 137557 | 40.054 | ng | | 92 |
| 63) Azobenzene | 10.527 | 77 | 617342 | 40.383 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.427 | 198 | 74743 | 45.014 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.486 | 169 | 443856 | 46.659 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248 | 129994 | 47.765 | ng | | 98 |
| 68) Hexachlorobenzene | 10.922 | 284 | 154577 | 48.829 | ng | | 98 |
| 69) Atrazine | 11.016 | 200 | 130955 | 79.946 | ng | | 98 |
| 70) Pentachlorophenol | 11.116 | 266 | 142943 | 92.903 | ng | | 99 |
| 71) Phenanthrene | 11.333 | 178 | 715268 | 45.629 | ng | | 99 |
| 72) Anthracene | 11.386 | 178 | 742677 | 47.349 | ng | | 100 |
| 73) Carbazole | 11.539 | 167 | 669107 | 43.563 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.874 | 149 | 774958 | 44.317 | ng | | 100 |
| 75) Fluoranthene | 12.521 | 202 | 655085 | 45.787 | ng | | 99 |
| 77) Benzidine | 12.645 | 184 | 201395 | 78.010 | ng | | 99 |
| 78) Pyrene | 12.751 | 202 | 659185 | 48.436 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.374 | 149 | 271240 | 44.978 | ng | | 95 |
| 81) Benzo(a)anthracene | 13.945 | 228 | 423996 | 45.782 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.904 | 252 | 98706 | 22.845 | ng | # | 96 |
| 83) Chrysene | 13.980 | 228 | 444055 | 46.744 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149 | 285412 | 45.668 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.551 | 149 | 518435 | 47.832 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.827 | 276 | 505290 | 47.636 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 14.980 | 252 | 466769 | 49.436 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.009 | 252 | 399040 | 43.628 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.339 | 252 | 434787 | 54.919 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.845 | 278 | 424530 | 49.599 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.256 | 276 | 443974 | 48.712 | ng | | 94 |

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

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