Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143670.D
Acq On : 08 Sep 2025 17:50
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 04:49:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 04:44:42 2025
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.893 | 152 | 97020 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 367625 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 206546 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 318098 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 191784 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 205711 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 531717 | 94.737 | ng | | 0.00 |
| 7) Phenol-d6 | 6.522 | 99 | 647805 | 94.580 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 584502 | 98.991 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 203812 | 97.329 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1243890 | 93.909 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1068628 | 91.337 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.681 | 88 | 118620 | 47.168 | ng | | 97 |
| 3) Pyridine | 3.452 | 79 | 320416 | 49.190 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.416 | 42 | 123949 | 49.137 | ng | | 97 |
| 6) Aniline | 6.557 | 93 | 445982 | 48.435 | ng | | 100 |
| 8) 2-Chlorophenol | 6.681 | 128 | 294266 | 48.255 | ng | | 99 |
| 9) Benzaldehyde | 6.446 | 77 | 205349 | 43.582 | ng | | 98 |
| 10) Phenol | 6.534 | 94 | 382886 | 49.348 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 268243 | 47.205 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 336717 | 47.930 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 334375 | 47.494 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 316756 | 47.797 | ng | | 99 |
| 15) Benzyl Alcohol | 7.034 | 79 | 246788 | 48.469 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 355662 | 46.601 | ng | | 99 |
| 17) 2-Methylphenol | 7.140 | 107 | 241054 | 48.094 | ng | | 99 |
| 18) Hexachloroethane | 7.404 | 117 | 111606 | 48.697 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70 | 200895 | 46.958 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 303487 | 47.125 | ng | | 90 |
| 22) Acetophenone | 7.304 | 105 | 388426 | 47.028 | ng | # | 93 |
| 24) Nitrobenzene | 7.481 | 77 | 298631 | 49.141 | ng | | 98 |
| 25) Isophorone | 7.722 | 82 | 560951 | 49.016 | ng | | 99 |
| 26) 2-Nitrophenol | 7.793 | 139 | 155916 | 53.316 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 259350 | 48.350 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 332295 | 47.530 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 266324 | 49.264 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 271134 | 48.434 | ng | | 99 |
| 31) Naphthalene | 8.198 | 128 | 863873 | 47.783 | ng | | 99 |
| 32) Benzoic acid | 7.951 | 122 | 180969m | 54.138 | ng | | |
| 33) 4-Chloroaniline | 8.245 | 127 | 303003 | 47.801 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 178918 | 48.670 | ng | | 98 |
| 35) Caprolactam | 8.640 | 113 | 72486 | 48.831 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 265019 | 48.866 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.887 | 142 | 589056 | 47.324 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.987 | 142 | 561441 | 47.102 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 283891 | 48.505 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 156085 | 51.110 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 197790 | 50.926 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.198 | 196 | 193931 | 48.673 | ng | 99 |
| 46) | 1,1'-Biphenyl | 9.357 | 154 | 700394 | 47.112 | ng | 99 |
| 47) | 2-Chloronaphthalene | 9.381 | 162 | 555244 | 48.064 | ng | 100 |
| 48) | 2-Nitroaniline | 9.469 | 65 | 159367 | 50.644 | ng | 99 |
| 49) | Acenaphthylene | 9.792 | 152 | 788615 | 47.740 | ng | 99 |
| 50) | Dimethylphthalate | 9.651 | 163 | 643992 | 47.627 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 9.716 | 165 | 133830 | 51.814 | ng | 97 |
| 52) | Acenaphthene | 9.963 | 154 | 550830 | 48.274 | ng | 99 |
| 53) | 3-Nitroaniline | 9.881 | 138 | 135153 | 49.002 | ng | 96 |
| 54) | 2,4-Dinitrophenol | 9.981 | 184 | 68136 | 50.218 | ng | 80 |
| 55) | Dibenzofuran | 10.134 | 168 | 769457 | 47.061 | ng | 98 |
| 56) | 4-Nitrophenol | 10.028 | 139 | 110520 | 49.100 | ng | 97 |
| 57) | 2,4-Dinitrotoluene | 10.116 | 165 | 175193 | 51.184 | ng | 98 |
| 58) | Fluorene | 10.481 | 166 | 586495 | 45.769 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 164452 | 50.350 | ng | 99 |
| 60) | Diethylphthalate | 10.351 | 149 | 601040 | 47.196 | ng | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 10.469 | 204 | 301781 | 46.641 | ng | 97 |
| 62) | 4-Nitroaniline | 10.504 | 138 | 129918 | 48.939 | ng | 98 |
| 63) | Azobenzene | 10.634 | 77 | 533223 | 47.608 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 10.528 | 198 | 88161 | 54.287 | ng | 98 |
| 66) | n-Nitrosodiphenylamine | 10.592 | 169 | 511118 | 49.331 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 10.963 | 248 | 190903 | 50.174 | ng | 97 |
| 68) | Hexachlorobenzene | 11.028 | 284 | 197195 | 49.615 | ng | 98 |
| 69) | Atrazine | 11.116 | 200 | 165174 | 49.250 | ng | 100 |
| 70) | Pentachlorophenol | 11.216 | 266 | 129084 | 52.273 | ng | 99 |
| 71) | Phenanthrene | 11.439 | 178 | 822891 | 47.279 | ng | 99 |
| 72) | Anthracene | 11.492 | 178 | 834353 | 47.497 | ng | 99 |
| 73) | Carbazole | 11.645 | 167 | 681315 | 46.357 | ng | 99 |
| 74) | Di-n-butylphthalate | 11.975 | 149 | 831556 | 47.019 | ng | 100 |
| 75) | Fluoranthene | 12.628 | 202 | 713849 | 44.285 | ng | 99 |
| 77) | Benzidine | 12.745 | 184 | 144455 | 34.797 | ng | 99 |
| 78) | Pyrene | 12.857 | 202 | 715426 | 46.459 | ng | 100 |
| 80) | Butylbenzylphthalate | 13.469 | 149 | 255555 | 52.576 | ng | 100 |
| 81) | Benzo(a)anthracene | 14.039 | 228 | 587390 | 47.908 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 14.004 | 252 | 173688 | 50.175 | ng | 99 |
| 83) | Chrysene | 14.080 | 228 | 550796 | 49.275 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 355402 | 54.312 | ng | 100 |
| 85) | Di-n-octyl phthalate | 14.645 | 149 | 643390 | 56.430 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.021 | 276 | 721687 | 52.017 | ng | 100 |
| 88) | Benzo(b)fluoranthene | 15.092 | 252 | 614649 | 49.009 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 15.127 | 252 | 519986 | 47.253 | ng | 99 |
| 90) | Benzo(a)pyrene | 15.463 | 252 | 528879 | 49.158 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 17.045 | 278 | 596049 | 51.849 | ng | 98 |
| 92) | Benzo(g,h,i)perylene | 17.480 | 276 | 561319 | 51.622 | ng | 99 |

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

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