Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025303.D
Acq On : 05 Aug 2025 15:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.802 | 152 | 204129 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.572 | 136 | 895271 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.413 | 164 | 571612 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.219 | 188 | 1114369 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.660 | 240 | 1066090 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.048 | 264 | 1155535 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.408 | 112 | 1323492 | 103.607 | ng | 0.00 |
| 7) Phenol-d6 | 6.966 | 99 | 1770084 | 105.044 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.937 | 82 | 1820226 | 110.005 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.925 | 330 | 654420 | 110.884 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.037 | 172 | 4184125 | 101.643 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.948 | 244 | 5765552 | 102.169 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.337 | 88 | 252837 | 50.482 | ng | 99 |
| 3) Pyridine | 3.725 | 79 | 717966 | 51.596 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.637 | 42 | 337100 | 52.181 | ng | 97 |
| 6) Aniline | 7.137 | 93 | 1217200 | 53.084 | ng | 99 |
| 8) 2-Chlorophenol | 7.372 | 128 | 740540 | 53.306 | ng | 99 |
| 9) Benzaldehyde | 6.949 | 77 | 719072 | 60.611 | ng | 98 |
| 10) Phenol | 6.990 | 94 | 940803 | 52.642 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.231 | 93 | 734824 | 52.476 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.696 | 146 | 803898 | 51.499 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.837 | 146 | 817189 | 51.745 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.155 | 146 | 791692 | 51.749 | ng | 99 |
| 15) Benzyl Alcohol | 8.031 | 79 | 693643 | 53.573 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.325 | 45 | 1148882 | 51.937 | ng | 100 |
| 17) 2-Methylphenol | 8.225 | 107 | 639575 | 53.483 | ng | 99 |
| 18) Hexachloroethane | 8.878 | 117 | 291706 | 51.649 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.596 | 70 | 584940 | 53.300 | ng | 99 |
| 20) 3+4-Methylphenols | 8.549 | 107 | 873995 | 53.075 | ng | 98 |
| 22) Acetophenone | 8.607 | 105 | 1157990 | 51.524 | ng | 99 |
| 24) Nitrobenzene | 8.978 | 77 | 835622 | 54.626 | ng | 100 |
| 25) Isophorone | 9.507 | 82 | 1699294 | 52.827 | ng | 100 |
| 26) 2-Nitrophenol | 9.684 | 139 | 334267 | 49.999 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.749 | 122 | 764549 | 51.553 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.984 | 93 | 1023578 | 52.308 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.213 | 162 | 710356 | 54.711 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.437 | 180 | 747003 | 52.150 | ng | 99 |
| 31) Naphthalene | 10.619 | 128 | 2404950 | 51.746 | ng | 100 |
| 32) Benzoic acid | 9.872 | 122 | 427207 | 49.747 | ng | 96 |
| 33) 4-Chloroaniline | 10.719 | 127 | 1108429 | 53.624 | ng | 100 |
| 34) Hexachlorobutadiene | 10.919 | 225 | 420532 | 51.144 | ng | 97 |
| 35) Caprolactam | 11.490 | 113 | 273974 | 54.273 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.837 | 107 | 822806 | 54.768 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.231 | 142 | 1569525 | 52.175 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.454 | 142 | 1654175 | 52.701 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.601 | 216 | 795310 | 50.962 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.590 | 237 | 511069 | 53.061 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.837 | 196 | 565018 | 56.046 | ng | 99 |

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Quant Time: Aug 06 06:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.901 | 196 | 624750 | 55.243 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.248 | 154 | 2167632 | 51.457 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.284 | 162 | 1656657 | 51.548 | ng | | 100 |
| 48) 2-Nitroaniline | 13.478 | 65 | 491730 | 51.971 | ng | | 96 |
| 49) Acenaphthylene | 14.137 | 152 | 2816363 | 52.537 | ng | | 99 |
| 50) Dimethylphthalate | 13.878 | 163 | 2189488 | 52.544 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.978 | 165 | 440590 | 57.323 | ng | | 97 |
| 52) Acenaphthene | 14.484 | 154 | 1716317 | 52.489 | ng | | 99 |
| 53) 3-Nitroaniline | 14.313 | 138 | 517027 | 57.487 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.513 | 184 | 167500 | 50.836 | ng | # | 52 |
| 55) Dibenzofuran | 14.819 | 168 | 2518183 | 51.534 | ng | | 99 |
| 56) 4-Nitrophenol | 14.613 | 139 | 439677 | 55.392 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.772 | 165 | 615851 | 51.438 | ng | | 96 |
| 58) Fluorene | 15.484 | 166 | 1943035 | 50.628 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.048 | 232 | 522825 | 55.019 | ng | | 99 |
| 60) Diethylphthalate | 15.266 | 149 | 2184026 | 51.987 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.484 | 204 | 918129 | 50.462 | ng | | 97 |
| 62) 4-Nitroaniline | 15.489 | 138 | 497394 | 55.814 | ng | | 99 |
| 63) Azobenzene | 15.778 | 77 | 2000064 | 51.248 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198 | 259581 | 51.256 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.701 | 169 | 1776048 | 52.344 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248 | 589000 | 52.531 | ng | | 99 |
| 68) Hexachlorobenzene | 16.507 | 284 | 650421 | 51.698 | ng | | 96 |
| 69) Atrazine | 16.672 | 200 | 642206 | 53.820 | ng | | 98 |
| 70) Pentachlorophenol | 16.854 | 266 | 448973 | 56.013 | ng | | 99 |
| 71) Phenanthrene | 17.260 | 178 | 3152482 | 51.650 | ng | | 99 |
| 72) Anthracene | 17.360 | 178 | 3207824 | 52.124 | ng | | 100 |
| 73) Carbazole | 17.625 | 167 | 3066018 | 51.900 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.236 | 149 | 3833325 | 53.637 | ng | | 100 |
| 75) Fluoranthene | 19.348 | 202 | 3659664 | 51.795 | ng | | 98 |
| 77) Benzidine | 19.536 | 184 | 1935364 | 50.156 | ng | | 100 |
| 78) Pyrene | 19.719 | 202 | 3748452 | 52.875 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.683 | 149 | 1670521 | 58.102 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.636 | 228 | 3682901 | 51.986 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.560 | 252 | 1334151 | 53.376 | ng | | 99 |
| 83) Chrysene | 21.713 | 228 | 3435648 | 52.286 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.607 | 149 | 2502532 | 54.510 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.907 | 149 | 4113502 | 53.530 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.889 | 276 | 4466507m | 53.847 | ng | | |
| 88) Benzo(b)fluoranthene | 23.971 | 252 | 3725745 | 53.862 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.042 | 252 | 3650347 | 53.234 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.877 | 252 | 3549437 | 53.283 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 29.000 | 278 | 3643604 | 53.715 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.083 | 276 | 3590382 | 53.917 | ng | | 99 |

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

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