Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025502.D
Acq On : 20 Aug 2025 10:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 20 11:50:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.784 | 152 | 147637 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.554 | 136 | 617928 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.407 | 164 | 400331 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.207 | 188 | 794586 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.648 | 240 | 859938 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.018 | 264 | 959319 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.402 | 112 | 719851 | 80.973 | ng | 0.00 |
| 7) Phenol-d6 | 6.966 | 99 | 928207 | 81.437 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.931 | 82 | 996684 | 81.592 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.919 | 330 | 434204 | 80.580 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.019 | 172 | 2329621 | 79.531 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.930 | 244 | 3655452 | 77.772 | ng | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.331 | 88 | 143916 | 41.329 | ng | 98 |
| 3) Pyridine | 3.731 | 79 | 384461 | 40.337 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.631 | 42 | 170424 | 43.372 | ng | 94 |
| 6) Aniline | 7.119 | 93 | 617192 | 40.190 | ng | 97 |
| 8) 2-Chlorophenol | 7.360 | 128 | 401335 | 40.005 | ng | 98 |
| 9) Benzaldehyde | 6.937 | 77 | 190261 | 23.826 | ng | 96 |
| 10) Phenol | 6.990 | 94 | 487981 | 40.802 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.219 | 93 | 374074 | 40.129 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.678 | 146 | 441153 | 39.880 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 7.819 | 146 | 454745 | 40.220 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.137 | 146 | 437042 | 39.931 | ng | 98 |
| 15) Benzyl Alcohol | 8.019 | 79 | 368154 | 40.652 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.313 | 45 | 520729 | 41.700 | ng | 98 |
| 17) 2-Methylphenol | 8.225 | 107 | 336589 | 40.522 | ng | 100 |
| 18) Hexachloroethane | 8.860 | 117 | 170458 | 41.003 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.584 | 70 | 303621 | 40.216 | ng | 97 |
| 20) 3+4-Methylphenols | 8.549 | 107 | 458019 | 39.780 | ng | 97 |
| 22) Acetophenone | 8.601 | 105 | 619709 | 39.991 | ng | 98 |
| 24) Nitrobenzene | 8.972 | 77 | 440063 | 40.309 | ng | 98 |
| 25) Isophorone | 9.496 | 82 | 864797 | 40.003 | ng | 100 |
| 26) 2-Nitrophenol | 9.678 | 139 | 223032 | 39.808 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.737 | 122 | 385100 | 39.968 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.966 | 93 | 515756 | 39.468 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.207 | 162 | 387958 | 40.533 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.419 | 180 | 408012 | 38.887 | ng | 97 |
| 31) Naphthalene | 10.607 | 128 | 1252509 | 38.998 | ng | 100 |
| 32) Benzoic acid | 9.878 | 122 | 284166 | 39.948 | ng | 96 |
| 33) 4-Chloroaniline | 10.713 | 127 | 561871 | 39.605 | ng | 99 |
| 34) Hexachlorobutadiene | 10.895 | 225 | 261058 | 39.951 | ng | 96 |
| 35) Caprolactam | 11.490 | 113 | 136092 | 38.776 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 11.831 | 107 | 441463 | 40.195 | ng | 96 |
| 37) 2-Methylnaphthalene | 12.219 | 142 | 809155 | 38.714 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.437 | 142 | 851212 | 38.296 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.584 | 216 | 469176 | 40.579 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.566 | 237 | 291550 | 41.746 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.831 | 196 | 319303 | 40.907 | ng | 98 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.895 | 196 | 350964 | 41.026 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.225 | 154 | 1153599 | 39.678 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.272 | 162 | 900445 | 39.783 | ng | 98 |
| 48) 2-Nitroaniline | 13.472 | 65 | 281785 | 42.727 | ng | 97 |
| 49) Acenaphthylene | 14.125 | 152 | 1492877 | 39.860 | ng | 100 |
| 50) Dimethylphthalate | 13.854 | 163 | 1165139 | 39.744 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.972 | 165 | 253787 | 41.073 | ng | 93 |
| 52) Acenaphthene | 14.478 | 154 | 872980m | 39.710 | ng | |
| 53) 3-Nitroaniline | 14.301 | 138 | 285327 | 41.043 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.507 | 184 | 142309 | 43.128 | ng | 97 |
| 55) Dibenzofuran | 14.813 | 168 | 1363388 | 39.226 | ng | 98 |
| 56) 4-Nitrophenol | 14.619 | 139 | 231578 | 40.538 | ng | 92 |
| 57) 2,4-Dinitrotoluene | 14.766 | 165 | 365491 | 41.459 | ng | 96 |
| 58) Fluorene | 15.466 | 166 | 1053490 | 38.412 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.036 | 232 | 306484 | 40.574 | ng | 98 |
| 60) Diethylphthalate | 15.242 | 149 | 1206790 | 40.513 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.466 | 204 | 531056 | 38.934 | ng | 97 |
| 62) 4-Nitroaniline | 15.483 | 138 | 288849 | 40.530 | ng | 93 |
| 63) Azobenzene | 15.766 | 77 | 1076346 | 42.199 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.542 | 198 | 207617 | 41.917 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.678 | 169 | 973360 | 40.171 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.378 | 248 | 351898 | 40.268 | ng | 97 |
| 68) Hexachlorobenzene | 16.495 | 284 | 404392 | 39.919 | ng | 98 |
| 69) Atrazine | 16.654 | 200 | 364653 | 40.186 | ng | 100 |
| 70) Pentachlorophenol | 16.842 | 266 | 271451 | 42.449 | ng | 96 |
| 71) Phenanthrene | 17.242 | 178 | 1705125 | 39.064 | ng | 99 |
| 72) Anthracene | 17.336 | 178 | 1754702 | 39.365 | ng | 99 |
| 73) Carbazole | 17.613 | 167 | 1650038 | 39.300 | ng | 99 |
| 74) Di-n-butylphthalate | 18.213 | 149 | 2085492 | 40.373 | ng | 100 |
| 75) Fluoranthene | 19.330 | 202 | 2058062 | 39.528 | ng | 99 |
| 77) Benzidine | 19.519 | 184 | 965340 | 32.893 | ng | 99 |
| 78) Pyrene | 19.701 | 202 | 2123016 | 37.983 | ng | 100 |
| 80) Butylbenzylphthalate | 20.654 | 149 | 1028893 | 40.617 | ng | 98 |
| 81) Benzo(a)anthracene | 21.630 | 228 | 2219096 | 39.128 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.542 | 252 | 839996 | 39.295 | ng | 99 |
| 83) Chrysene | 21.695 | 228 | 2094426 | 39.434 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.571 | 149 | 1528918 | 41.001 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.865 | 149 | 2647644 | 41.280 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.842 | 276 | 2736984 | 38.904 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.959 | 252 | 2250091 | 39.777 | ng | 99 |
| 89) Benzo(k)fluoranthene | 24.036 | 252 | 2294595 | 40.536 | ng | 99 |
| 90) Benzo(a)pyrene | 24.871 | 252 | 2174497 | 39.490 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.936 | 278 | 2262080 | 39.346 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 30.042 | 276 | 2184778 | 38.659 | ng | 100 |

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

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