Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025326.D
Acq On : 08 Aug 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 11:12:11 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 06:41:44 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli

08/11/2025
Supervised By :Jagrut Upadhyay

08/11/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.802 | 152 | 240709 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.572 | 136 | 976682 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.419 | 164 | 575605 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.225 | 188 | 1048506 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.666 | 240 | 989888 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.059 | 264 | 1196041 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.408 | 112 | 1139134 | 76.114 | ng | | 0.00 |
| 7) Phenol-d6 | 6.960 | 99 | 1423958 | 72.295 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.943 | 82 | 1455838 | 82.581 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.936 | 330 | 491175 | 85.536 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 13.031 | 172 | 3287807 | 78.893 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.936 | 244 | 4177606 | 79.712 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.331 | 88 | 222915 | 37.744 | ng | | 97 |
| 3) Pyridine | 3.725 | 79 | 586352 | 35.734 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.631 | 42 | 260317 | 34.172 | ng | | 97 |
| 6) Aniline | 7.131 | 93 | 967841 | 35.795 | ng | | 98 |
| 8) 2-Chlorophenol | 7.366 | 128 | 633395 | 38.664 | ng | | 98 |
| 9) Benzaldehyde | 6.943 | 77 | 668759 | 47.805 | ng | | 97 |
| 10) Phenol | 6.990 | 94 | 747065 | 35.449 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.219 | 93 | 607130 | 36.768 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.690 | 146 | 706677 | 38.391 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.831 | 146 | 717825 | 38.546 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.149 | 146 | 684747 | 37.957 | ng | | 99 |
| 15) Benzyl Alcohol | 8.025 | 79 | 543783 | 35.616 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.319 | 45 | 878026 | 33.660 | ng | | 98 |
| 17) 2-Methylphenol | 8.225 | 107 | 513129 | 36.388 | ng | | 99 |
| 18) Hexachloroethane | 8.872 | 117 | 263322 | 39.538 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.596 | 70 | 452293 | 34.950 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.549 | 107 | 690868 | 35.579 | ng | | 98 |
| 22) Acetophenone | 8.607 | 105 | 909064 | 37.077 | ng | # | 97 |
| 24) Nitrobenzene | 8.978 | 77 | 652814 | 39.118 | ng | | 97 |
| 25) Isophorone | 9.501 | 82 | 1272966 | 36.275 | ng | | 100 |
| 26) 2-Nitrophenol | 9.684 | 139 | 311077 | 43.187 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.743 | 122 | 591009 | 36.530 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.984 | 93 | 809318 | 37.912 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.219 | 162 | 567733 | 40.082 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.437 | 180 | 625060 | 39.999 | ng | | 100 |
| 31) Naphthalene | 10.619 | 128 | 1934670 | 38.158 | ng | | 100 |
| 32) Benzoic acid | 9.854 | 122 | 376644 | 42.801 | ng | | 100 |
| 33) 4-Chloroaniline | 10.719 | 127 | 839289 | 37.219 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.913 | 225 | 374078 | 41.702 | ng | | 98 |
| 35) Caprolactam | 11.478 | 113 | 182502 | 33.213 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.837 | 107 | 597779 | 36.473 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.231 | 142 | 1200862 | 36.592 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.448 | 142 | 1258723 | 36.759 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.595 | 216 | 640167 | 40.736 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.584 | 237 | 447894 | 46.179 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.842 | 196 | 435004 | 42.850 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.907 | 196 | 463206 | 40.675 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.248 | 154 | 1681680 | 39.644 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.284 | 162 | 1269125 | 39.216 | ng | | 99 |
| 48) 2-Nitroaniline | 13.478 | 65 | 351935 | 37.795 | ng | | 93 |
| 49) Acenaphthylene | 14.137 | 152 | 2093588 | 38.783 | ng | | 99 |
| 50) Dimethylphthalate | 13.872 | 163 | 1561021 | 37.202 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.978 | 165 | 321759 | 41.572 | ng | | 91 |
| 52) Acenaphthene | 14.489 | 154 | 1274700 | 38.713 | ng | | 99 |
| 53) 3-Nitroaniline | 14.307 | 138 | 370794 | 40.941 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.525 | 184 | 141775 | 45.329 | ng | # | 46 |
| 55) Dibenzofuran | 14.831 | 168 | 1876057 | 38.127 | ng | | 99 |
| 56) 4-Nitrophenol | 14.619 | 139 | 302516 | 37.847 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.784 | 165 | 439835 | 37.428 | ng | | 97 |
| 58) Fluorene | 15.489 | 166 | 1442226 | 37.318 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.054 | 232 | 383749 | 40.341 | ng | | 98 |
| 60) Diethylphthalate | 15.266 | 149 | 1525689 | 36.065 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.484 | 204 | 704373 | 38.445 | ng | | 100 |
| 62) 4-Nitroaniline | 15.489 | 138 | 361326 | 40.264 | ng | | 95 |
| 63) Azobenzene | 15.784 | 77 | 1427610 | 36.326 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.560 | 198 | 207397 | 45.566 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.701 | 169 | 1260046 | 39.469 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.401 | 248 | 435742 | 41.303 | ng | | 96 |
| 68) Hexachlorobenzene | 16.519 | 284 | 483113 | 40.812 | ng | | 97 |
| 69) Atrazine | 16.678 | 200 | 448699 | 39.965 | ng | | 99 |
| 70) Pentachlorophenol | 16.872 | 266 | 323077 | 42.838 | ng | | 100 |
| 71) Phenanthrene | 17.272 | 178 | 2241309 | 39.028 | ng | | 100 |
| 72) Anthracene | 17.360 | 178 | 2253461 | 38.917 | ng | | 100 |
| 73) Carbazole | 17.636 | 167 | 2132429 | 38.364 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.242 | 149 | 2726922 | 40.553 | ng | | 99 |
| 75) Fluoranthene | 19.354 | 202 | 2566801 | 38.610 | ng | | 99 |
| 77) Benzidine | 19.536 | 184 | 2224681 | 62.093 | ng | | 100 |
| 78) Pyrene | 19.724 | 202 | 2597289 | 39.457 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.671 | 149 | 1249709 | 46.812 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.648 | 228 | 2561922 | 38.946 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.554 | 252 | 1005276 | 43.314 | ng | | 98 |
| 83) Chrysene | 21.713 | 228 | 2387480 | 39.131 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.595 | 149 | 1891251 | 44.366 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.901 | 149 | 3396499 | 47.602 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.900 | 276 | 3393119m | 39.580 | ng | | |
| 88) Benzo(b)fluoranthene | 23.971 | 252 | 2704358 | 37.772 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.048 | 252 | 2648921 | 37.321 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.895 | 252 | 2674274 | 38.786 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.995 | 278 | 2769517 | 39.446 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.089 | 276 | 2697139 | 39.142 | ng | | 99 |

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

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