Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025389.D
Acq On : 13 Aug 2025 18:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 18:54:49 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 :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.801 | 152 | 184702 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.578 | 136 | 736218 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.424 | 164 | 463395 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.230 | 188 | 942404 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.665 | 240 | 1019671 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.059 | 264 | 1166515 | 20.000 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.413 | 112 | 896126 | 78.034 | ng | | 0.00 |
| 7) Phenol-d6 | 6.972 | 99 | 1100976 | 72.847 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.936 | 82 | 1136884 | 85.552 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.936 | 330 | 512553 | 110.873 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 13.036 | 172 | 2714182 | 80.900 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.948 | 244 | 4405762 | 81.610 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.331 | 88 | 171067 | 37.748 | ng | | 96 |
| 3) Pyridine | 3.731 | 79 | 442368 | 35.134 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.631 | 42 | 188153 | 32.188 | ng | # | 95 |
| 6) Aniline | 7.131 | 93 | 724014 | 34.897 | ng | | 99 |
| 8) 2-Chlorophenol | 7.372 | 128 | 500853 | 39.844 | ng | | 97 |
| 9) Benzaldehyde | 6.942 | 77 | 448384 | 41.771 | ng | | 98 |
| 10) Phenol | 7.001 | 94 | 568907 | 35.181 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.219 | 93 | 457720 | 36.125 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.689 | 146 | 561340 | 39.743 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.831 | 146 | 570722 | 39.939 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.148 | 146 | 543452 | 39.259 | ng | | 98 |
| 15) Benzyl Alcohol | 8.031 | 79 | 412992 | 35.252 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.313 | 45 | 628261 | 31.389 | ng | | 95 |
| 17) 2-Methylphenol | 8.231 | 107 | 392344 | 36.260 | ng | | 97 |
| 18) Hexachloroethane | 8.872 | 117 | 213457 | 41.770 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.589 | 70 | 346148 | 34.859 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.554 | 107 | 525616 | 35.276 | ng | | 99 |
| 22) Acetophenone | 8.601 | 105 | 716512 | 38.768 | ng | | 97 |
| 24) Nitrobenzene | 8.978 | 77 | 507543 | 40.347 | ng | | 96 |
| 25) Isophorone | 9.513 | 82 | 982573 | 37.145 | ng | | 99 |
| 26) 2-Nitrophenol | 9.684 | 139 | 271753 | 49.472 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.748 | 122 | 455846 | 37.378 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 9.978 | 93 | 613737 | 38.140 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.225 | 162 | 450740 | 42.216 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.436 | 180 | 508300 | 43.152 | ng | | 99 |
| 31) Naphthalene | 10.625 | 128 | 1527522 | 39.968 | ng | | 99 |
| 32) Benzoic acid | 9.883 | 122 | 318796 | 46.453 | ng | | 99 |
| 33) 4-Chloroaniline | 10.725 | 127 | 625936 | 36.824 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.913 | 225 | 322850 | 47.747 | ng | | 98 |
| 35) Caprolactam | 11.507 | 113 | 153606 | 37.085 | ng | # | 87 |
| 36) 4-Chloro-3-methylphenol | 11.854 | 107 | 486095 | 39.346 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.230 | 142 | 985811 | 39.851 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.454 | 142 | 1027342 | 39.802 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.607 | 216 | 559369 | 44.214 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.595 | 237 | 299470 | 38.353 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.848 | 196 | 368871 | 45.134 | ng | | 99 |

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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 | 12.919 | 196 | 402704 | 43.925 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.254 | 154 | 1363544 | 39.928 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.295 | 162 | 1065180 | 40.884 | ng | | 99 |
| 48) 2-Nitroaniline | 13.483 | 65 | 300035 | 39.849 | ng | | 98 |
| 49) Acenaphthylene | 14.136 | 152 | 1721913 | 39.622 | ng | | 100 |
| 50) Dimethylphthalate | 13.872 | 163 | 1341204 | 39.703 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.989 | 165 | 287495 | 46.139 | ng | | 92 |
| 52) Acenaphthene | 14.483 | 154 | 1084324m | 40.905 | ng | | |
| 53) 3-Nitroaniline | 14.319 | 138 | 309614 | 42.464 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.524 | 184 | 117674 | 46.258 | ng | # | 50 |
| 55) Dibenzofuran | 14.824 | 168 | 1594419 | 40.249 | ng | | 99 |
| 56) 4-Nitrophenol | 14.636 | 139 | 253454 | 39.388 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.783 | 165 | 413517 | 43.163 | ng | | 99 |
| 58) Fluorene | 15.489 | 166 | 1236568 | 39.744 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.060 | 232 | 352030 | 45.967 | ng | | 97 |
| 60) Diethylphthalate | 15.260 | 149 | 1405313 | 41.263 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.483 | 204 | 631982 | 42.846 | ng | | 99 |
| 62) 4-Nitroaniline | 15.495 | 138 | 309199 | 42.799 | ng | | 98 |
| 63) Azobenzene | 15.783 | 77 | 1193034 | 37.708 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.560 | 198 | 187566 | 45.770 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.701 | 169 | 1127513 | 39.294 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.401 | 248 | 412364 | 43.488 | ng | | 98 |
| 68) Hexachlorobenzene | 16.518 | 284 | 474025 | 44.553 | ng | | 95 |
| 69) Atrazine | 16.677 | 200 | 428489 | 42.462 | ng | | 99 |
| 70) Pentachlorophenol | 16.871 | 266 | 316137 | 46.638 | ng | | 99 |
| 71) Phenanthrene | 17.271 | 178 | 2027625 | 39.282 | ng | | 100 |
| 72) Anthracene | 17.365 | 178 | 2100517 | 40.360 | ng | | 100 |
| 73) Carbazole | 17.636 | 167 | 1967991 | 39.392 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.248 | 149 | 2689910 | 44.506 | ng | | 99 |
| 75) Fluoranthene | 19.348 | 202 | 2507136 | 41.959 | ng | | 98 |
| 77) Benzidine | 19.542 | 184 | 1560704 | 42.288 | ng | | 99 |
| 78) Pyrene | 19.724 | 202 | 2631764 | 38.813 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.677 | 149 | 1300248 | 47.282 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.648 | 228 | 2703813 | 39.903 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.571 | 252 | 1031182 | 43.133 | ng | | 98 |
| 83) Chrysene | 21.712 | 228 | 2508190 | 39.909 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.601 | 149 | 2030394 | 46.239 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.900 | 149 | 3513733 | 47.807 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 28.947 | 276 | 3398258 | 40.644 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.995 | 252 | 2746202 | 39.327 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.071 | 252 | 2706136 | 39.093 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.906 | 252 | 2669640 | 39.699 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.024 | 278 | 2785665 | 40.680 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 30.124 | 276 | 2693148 | 40.074 | ng | | 98 |

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

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