Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026128.D
Acq On : 13 Nov 2025 14:46
Operator : RC/JU
Sample : PB170500BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 15:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB170500BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 300654 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1192665 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.307 | 164 | 750606 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.119 | 188 | 1548167 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1662766 | 20.000 | ng | | 0.02 |
| 86) Perylene-d12 | 24.907 | 264 | 1741053 | 20.000 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 2269552 | 124.561 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 2830696 | 122.060 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 1618205 | 84.583 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.825 | 330 | 1239255 | 152.716 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 4112416 | 78.726 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.866 | 244 | 6646689 | 81.214 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 265119 | 34.516 | ng | | 97 |
| 3) Pyridine | 3.614 | 79 | 680808 | 31.179 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.520 | 42 | 330786 | 37.798 | ng | | 90 |
| 6) Aniline | 7.002 | 93 | 899536 | 29.063 | ng | | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 904045 | 44.807 | ng | | 97 |
| 9) Benzaldehyde | 6.819 | 77 | 328007 | 27.208 | ng | | 98 |
| 10) Phenol | 6.878 | 94 | 1100281 | 42.736 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 813307 | 40.028 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.566 | 146 | 951658 | 41.071 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 981408 | 41.891 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 940634 | 42.077 | ng | | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 719947 | 43.063 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1102500 | 35.902 | ng | | 97 |
| 17) 2-Methylphenol | 8.113 | 107 | 743922 | 44.126 | ng | | 98 |
| 18) Hexachloroethane | 8.743 | 117 | 340153 | 42.431 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 585799 | 40.692 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.431 | 107 | 1014655 | 43.262 | ng | | 99 |
| 22) Acetophenone | 8.484 | 105 | 1381820 | 45.811 | ng | # | 96 |
| 24) Nitrobenzene | 8.855 | 77 | 878825 | 43.506 | ng | | 97 |
| 25) Isophorone | 9.378 | 82 | 1672218 | 40.836 | ng | | 100 |
| 26) 2-Nitrophenol | 9.555 | 139 | 446385 | 59.365 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.619 | 122 | 829334 | 48.160 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.855 | 93 | 1076991 | 41.732 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 852238 | 46.872 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 884522 | 44.758 | ng | | 98 |
| 31) Naphthalene | 10.490 | 128 | 2653256 | 40.795 | ng | | 100 |
| 32) Benzoic acid | 9.760 | 122 | 677978 | 59.741 | ng | | 94 |
| 33) 4-Chloroaniline | 10.590 | 127 | 657282 | 26.299 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 543269 | 43.259 | ng | | 99 |
| 35) Caprolactam | 11.372 | 113 | 287923 | 45.094 | ng | # | 86 |
| 36) 4-Chloro-3-methylphenol | 11.725 | 107 | 891858 | 46.791 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.101 | 142 | 1729422 | 37.992 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 1791115 | 40.502 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.478 | 216 | 1090432 | 46.755 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 1019714 | 119.500 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 700591 | 50.821 | ng | | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.784 | 196 | 777989 | 49.459 | ng | | 98 |
| 46) | 1,1'-Biphenyl | 13.125 | 154 | 2660459 | 46.290 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 13.166 | 162 | 1876845 | 41.504 | ng | | 98 |
| 48) | 2-Nitroaniline | 13.366 | 65 | 545429 | 46.937 | ng | | 94 |
| 49) | Acenaphthylene | 14.025 | 152 | 3191761 | 48.427 | ng | | 100 |
| 50) | Dimethylphthalate | 13.760 | 163 | 2439785 | 44.686 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 13.866 | 165 | 531806 | 51.909 | ng | | 96 |
| 52) | Acenaphthene | 14.372 | 154 | 1812654 | 40.061 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.201 | 138 | 443473 | 36.710 | ng | # | 95 |
| 54) | 2,4-Dinitrophenol | 14.413 | 184 | 561834 | 103.577 | ng | | 93 |
| 55) | Dibenzofuran | 14.707 | 168 | 2889630 | 42.270 | ng | | 99 |
| 56) | 4-Nitrophenol | 14.525 | 139 | 1038976 | 95.432 | ng | | 96 |
| 57) | 2,4-Dinitrotoluene | 14.672 | 165 | 759757 | 50.557 | ng | | 91 |
| 58) | Fluorene | 15.372 | 166 | 2301343 | 42.969 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.942 | 232 | 681726 | 55.121 | ng | | 98 |
| 60) | Diethylphthalate | 15.154 | 149 | 2487404 | 45.317 | ng | | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 15.372 | 204 | 1140751 | 42.652 | ng | | 96 |
| 62) | 4-Nitroaniline | 15.378 | 138 | 560829 | 48.070 | ng | | 97 |
| 63) | Azobenzene | 15.672 | 77 | 2089996 | 42.014 | ng | | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.448 | 198 | 393413 | 58.703 | ng | | 90 |
| 66) | n-Nitrosodiphenylamine | 15.590 | 169 | 2090489 | 43.187 | ng | | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.295 | 248 | 753803 | 43.894 | ng | | 95 |
| 68) | Hexachlorobenzene | 16.401 | 284 | 860554 | 44.019 | ng | | 98 |
| 69) | Atrazine | 16.584 | 200 | 786915 | 48.191 | ng | | 99 |
| 70) | Pentachlorophenol | 16.760 | 266 | 1245514 | 104.303 | ng | | 99 |
| 71) | Phenanthrene | 17.160 | 178 | 3788001 | 42.037 | ng | | 99 |
| 72) | Anthracene | 17.254 | 178 | 3833172 | 42.913 | ng | | 99 |
| 73) | Carbazole | 17.536 | 167 | 3709719 | 43.874 | ng | | 100 |
| 74) | Di-n-butylphthalate | 18.148 | 149 | 4447046 | 47.003 | ng | | 100 |
| 75) | Fluoranthene | 19.260 | 202 | 4606398 | 43.822 | ng | | 99 |
| 77) | Benzidine | 19.460 | 184 | 997247 | 23.628 | ng | | 99 |
| 78) | Pyrene | 19.636 | 202 | 4815990 | 42.824 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.607 | 149 | 2118933 | 50.291 | ng | | 98 |
| 81) | Benzo(a)anthracene | 21.560 | 228 | 4936645 | 43.205 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.483 | 252 | 1421538 | 38.614 | ng | | 99 |
| 83) | Chrysene | 21.630 | 228 | 4592737 | 42.433 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 3163361 | 47.249 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 22.813 | 149 | 5395884 | 54.514 | ng | | 96 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.683 | 276 | 6046475m | 47.041 | ng | | |
| 88) | Benzo(b)fluoranthene | 23.860 | 252 | 4917218 | 45.495 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 23.924 | 252 | 5155035 | 46.706 | ng | | 99 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 4836426 | 48.707 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.789 | 278 | 5024465 | 48.034 | ng | | 99 |
| 92) | Benzo(g,h,i)perylene | 29.859 | 276 | 4891407 | 48.595 | ng | | 98 |

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

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