Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.437 | 152 | 531610 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.190 | 136 | 2146082 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.101 | 164 | 1427548 | 20.000 | ng | 0.01 |
| 64) Phenanthrene-d10 | 16.925 | 188 | 2869297 | 20.000 | ng | 0.02 |
| 76) Chrysene-d12 | 21.348 | 240 | 3091728 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.495 | 264 | 3620682 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.102 | 112 | 2254632 | 75.147 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 2904926 | 74.193 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.572 | 82 | 2469800 | 76.537 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.625 | 330 | 1558969 | 92.443 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.701 | 172 | 6660491 | 72.279 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.672 | 244 | 10572248 | 75.154 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 404589 | 34.679 | ng | 97 |
| 3) Pyridine | 3.490 | 79 | 1119432 | 35.046 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.402 | 42 | 447383 | 33.080 | ng | 90 |
| 6) Aniline | 6.784 | 93 | 1318748 | 36.049 | ng | 99 |
| 8) 2-Chlorophenol | 7.013 | 128 | 1287776 | 38.362 | ng | 98 |
| 9) Benzaldehyde | 6.596 | 77 | 756528 | 36.998 | ng | 97 |
| 10) Phenol | 6.666 | 94 | 1436852 | 36.117 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1091520 | 35.650 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.331 | 146 | 1369686 | 36.457 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.472 | 146 | 1393382 | 36.631 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.784 | 146 | 1352041 | 36.950 | ng | 99 |
| 15) Benzyl Alcohol | 7.678 | 79 | 1004233 | 38.428 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.960 | 45 | 1330526 | 33.421 | ng | 98 |
| 17) 2-Methylphenol | 7.884 | 107 | 980663 | 38.267 | ng | 99 |
| 18) Hexachloroethane | 8.496 | 117 | 483508 | 39.019 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.237 | 70 | 867767 | 37.371 | ng | 96 |
| 20) 3+4-Methylphenols | 8.208 | 107 | 1365751 | 38.048 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 1825851 | 35.975 | ng | 98 |
| 24) Nitrobenzene | 8.613 | 77 | 1235576 | 37.591 | ng | 95 |
| 25) Isophorone | 9.137 | 82 | 2269615 | 37.635 | ng | 99 |
| 26) 2-Nitrophenol | 9.313 | 139 | 737848 | 46.379 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.390 | 122 | 858307 | 38.154 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.619 | 93 | 1516406 | 37.033 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.849 | 162 | 1250689 | 40.095 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.054 | 180 | 1315259 | 38.076 | ng | 97 |
| 31) Naphthalene | 10.237 | 128 | 4018592 | 36.365 | ng | 100 |
| 32) Benzoic acid | 9.537 | 122 | 1059596 | 47.258 | ng | 96 |
| 33) 4-Chloroaniline | 10.343 | 127 | 1539023 | 37.319 | ng | 99 |
| 34) Hexachlorobutadiene | 10.537 | 225 | 798092 | 40.261 | ng | 99 |
| 35) Caprolactam | 11.125 | 113 | 416773 | 39.056 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.490 | 107 | 1272371 | 39.033 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.860 | 142 | 2899215 | 37.184 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.090 | 142 | 2804639 | 36.882 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.243 | 216 | 1574766 | 38.383 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.225 | 237 | 479972 | 44.788 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.496 | 196 | 1051946 | 42.344 | ng | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.566 | 196 | 1160384 | 41.215 | ng | | 97 |
| 46) | 1,1'-Biphenyl | 12.901 | 154 | 3763681 | 36.236 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 12.943 | 162 | 2846065 | 36.457 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.148 | 65 | 729633 | 38.721 | ng | | 93 |
| 49) | Acenaphthylene | 13.807 | 152 | 4359655 | 36.487 | ng | | 100 |
| 50) | Dimethylphthalate | 13.560 | 163 | 3721862 | 37.245 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 13.672 | 165 | 817897 | 41.967 | ng | | 90 |
| 52) | Acenaphthene | 14.160 | 154 | 2763754 | 35.888 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.001 | 138 | 872454 | 41.772 | ng | | 98 |
| 54) | 2,4-Dinitrophenol | 14.219 | 184 | 483431 | 52.724 | ng | # | 89 |
| 55) | Dibenzofuran | 14.507 | 168 | 4608837 | 36.263 | ng | | 99 |
| 56) | 4-Nitrophenol | 14.337 | 139 | 787961 | 40.881 | ng | | 96 |
| 57) | 2,4-Dinitrotoluene | 14.478 | 165 | 1117932 | 39.574 | ng | | 91 |
| 58) | Fluorene | 15.178 | 166 | 3532450 | 35.934 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.742 | 232 | 1065574 | 41.795 | ng | | 95 |
| 60) | Diethylphthalate | 14.966 | 149 | 3824481 | 38.105 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.184 | 204 | 1786967 | 36.732 | ng | | 96 |
| 62) | 4-Nitroaniline | 15.195 | 138 | 937172 | 42.792 | ng | | 94 |
| 63) | Azobenzene | 15.484 | 77 | 3086011 | 34.529 | ng | | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.260 | 198 | 656883 | 50.040 | ng | | 99 |
| 66) | n-Nitrosodiphenylamine | 15.395 | 169 | 3093337 | 37.671 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.095 | 248 | 1210335 | 41.198 | ng | | 99 |
| 68) | Hexachlorobenzene | 16.207 | 284 | 1431153 | 39.855 | ng | | 98 |
| 69) | Atrazine | 16.395 | 200 | 839410 | 34.885 | ng | | 99 |
| 70) | Pentachlorophenol | 16.572 | 266 | 1062970 | 43.832 | ng | | 99 |
| 71) | Phenanthrene | 16.966 | 178 | 5542867 | 36.153 | ng | | 100 |
| 72) | Anthracene | 17.054 | 178 | 5481414 | 37.266 | ng | | 100 |
| 73) | Carbazole | 17.342 | 167 | 5410553 | 37.621 | ng | | 99 |
| 74) | Di-n-butylphthalate | 17.966 | 149 | 6847818 | 42.758 | ng | | 99 |
| 75) | Fluoranthene | 19.066 | 202 | 6866434 | 38.314 | ng | | 99 |
| 77) | Benzidine | 19.272 | 184 | 3389454 | 62.073 | ng | | 97 |
| 78) | Pyrene | 19.442 | 202 | 7042387 | 36.776 | ng | | 100 |
| 80) | Butylbenzylphthalate | 20.425 | 149 | 3174538 | 43.409 | ng | | 96 |
| 81) | Benzo(a)anthracene | 21.330 | 228 | 6977868 | 37.242 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.266 | 252 | 2693075 | 47.747 | ng | | 99 |
| 83) | Chrysene | 21.395 | 228 | 6675791 | 37.025 | ng | | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.313 | 149 | 4774117 | 47.504 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 22.530 | 149 | 8298951 | 45.411 | ng | | 97 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.042 | 276 | 9288491m | 40.270 | ng | | |
| 88) | Benzo(b)fluoranthene | 23.513 | 252 | 7692853 | 36.504 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 23.577 | 252 | 7500297 | 35.769 | ng | | 99 |
| 90) | Benzo(a)pyrene | 24.348 | 252 | 6827776 | 38.067 | ng | | 100 |
| 91) | Dibenzo(a,h)anthracene | 28.142 | 278 | 7639998 | 40.071 | ng | | 98 |
| 92) | Benzo(g,h,i)perylene | 29.136 | 276 | 7688711 | 39.037 | ng | | 100 |

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

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