Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024866.D
Acq On : 06 Jun 2025 14:37
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

Quant Time: Jun 06 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 233459 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.378 | 136 | 1006719 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 639758 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.042 | 188 | 1223735 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 21.477 | 240 | 1245531 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.736 | 264 | 1494809 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.237 | 112 | 1754536 | 125.447 | ng | 0.00 |
| 7) Phenol-d6 | 6.814 | 99 | 2365958 | 127.853 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.760 | 82 | 2555584 | 123.355 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.772 | 330 | 1097449 | 124.076 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.860 | 172 | 5620380 | 118.347 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.778 | 244 | 8373144 | 120.485 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.167 | 88 | 360857 | 58.637 | ng | 100 |
| 3) Pyridine | 3.561 | 79 | 957340 | 64.685 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.478 | 42 | 387978 | 64.122 | ng | 99 |
| 6) Aniline | 6.955 | 93 | 1528129 | 64.708 | ng | 100 |
| 8) 2-Chlorophenol | 7.190 | 128 | 995913 | 62.813 | ng | 99 |
| 9) Benzaldehyde | 6.766 | 77 | 608861 | 56.921 | ng | 99 |
| 10) Phenol | 6.843 | 94 | 1231710 | 64.565 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.043 | 93 | 926134 | 61.724 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.496 | 146 | 1063861 | 60.147 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.643 | 146 | 1074203 | 60.190 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.955 | 146 | 1045089 | 59.634 | ng | 99 |
| 15) Benzyl Alcohol | 7.861 | 79 | 916921 | 64.561 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.125 | 45 | 1167705 | 59.460 | ng | 100 |
| 17) 2-Methylphenol | 8.066 | 107 | 848195 | 63.670 | ng | 100 |
| 18) Hexachloroethane | 8.666 | 117 | 401855 | 59.807 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.413 | 70 | 779593 | 61.970 | ng | 100 |
| 20) 3+4-Methylphenols | 8.396 | 107 | 1154457 | 63.519 | ng | 96 |
| 22) Acetophenone | 8.431 | 105 | 1540416 | 60.563 | ng | 99 |
| 24) Nitrobenzene | 8.808 | 77 | 1136226 | 61.735 | ng | 99 |
| 25) Isophorone | 9.325 | 82 | 2191187 | 61.027 | ng | 100 |
| 26) 2-Nitrophenol | 9.507 | 139 | 587760 | 64.723 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 965935 | 62.151 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.802 | 93 | 1278529 | 59.694 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.049 | 162 | 945641 | 63.413 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.243 | 180 | 995211 | 59.169 | ng | 99 |
| 31) Naphthalene | 10.431 | 128 | 3124640 | 60.566 | ng | 100 |
| 32) Benzoic acid | 9.778 | 122 | 710052 | 68.525 | ng | 100 |
| 33) 4-Chloroaniline | 10.549 | 127 | 1397378 | 64.650 | ng | 98 |
| 34) Hexachlorobutadiene | 10.707 | 225 | 598677 | 59.056 | ng | 100 |
| 35) Caprolactam | 11.360 | 113 | 349412 | 63.654 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 11.696 | 107 | 1096315 | 63.738 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.043 | 142 | 2004422 | 61.250 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.266 | 142 | 2093346 | 59.832 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.419 | 216 | 1100767 | 60.637 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.390 | 237 | 707348 | 63.884 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.672 | 196 | 776210 | 63.669 | ng | 99 |

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**Instrument :** BNA_P
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.760 | 196 | 836590 | 64.077 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.066 | 154 | 2797746 | 60.176 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.107 | 162 | 2180558 | 61.023 | ng | 99 |
| 48) 2-Nitroaniline | 13.331 | 65 | 718204 | 65.376 | ng | 97 |
| 49) Acenaphthylene | 13.966 | 152 | 3653383 | 61.318 | ng | 100 |
| 50) Dimethylphthalate | 13.707 | 163 | 2826983 | 59.902 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.831 | 165 | 639722 | 62.878 | ng | 96 |
| 52) Acenaphthene | 14.313 | 154 | 2051309 | 60.082 | ng | 99 |
| 53) 3-Nitroaniline | 14.172 | 138 | 698945 | 66.199 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.390 | 184 | 398250 | 61.497 | ng | 97 |
| 55) Dibenzofuran | 14.654 | 168 | 3267254 | 59.618 | ng | 99 |
| 56) 4-Nitrophenol | 14.525 | 139 | 539162 | 61.650 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.637 | 165 | 901515 | 63.345 | ng | 98 |
| 58) Fluorene | 15.319 | 166 | 2628887 | 59.381 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.895 | 232 | 730647 | 62.524 | ng | 99 |
| 60) Diethylphthalate | 15.090 | 149 | 2772340 | 58.943 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.307 | 204 | 1276716 | 58.980 | ng | 100 |
| 62) 4-Nitroaniline | 15.360 | 138 | 639038 | 66.714 | ng | 96 |
| 63) Azobenzene | 15.613 | 77 | 2561443 | 59.380 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.419 | 198 | 524098 | 65.178 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.531 | 169 | 2282932 | 60.188 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.225 | 248 | 839674 | 60.812 | ng | 98 |
| 68) Hexachlorobenzene | 16.342 | 284 | 1008320 | 60.238 | ng | 97 |
| 69) Atrazine | 16.519 | 200 | 836217 | 60.814 | ng | 99 |
| 70) Pentachlorophenol | 16.701 | 266 | 561603 | 64.826 | ng | 99 |
| 71) Phenanthrene | 17.089 | 178 | 4046968 | 59.844 | ng | 99 |
| 72) Anthracene | 17.189 | 178 | 4160775 | 60.751 | ng | 99 |
| 73) Carbazole | 17.472 | 167 | 3861413 | 60.827 | ng | 99 |
| 74) Di-n-butylphthalate | 18.060 | 149 | 4672145 | 59.401 | ng | 100 |
| 75) Fluoranthene | 19.178 | 202 | 4656349 | 59.407 | ng | 99 |
| 77) Benzidine | 19.383 | 184 | 2477600 | 64.227 | ng | 100 |
| 78) Pyrene | 19.560 | 202 | 4751590 | 61.064 | ng | 100 |
| 80) Butylbenzylphthalate | 20.513 | 149 | 2225855 | 62.449 | ng | 96 |
| 81) Benzo(a)anthracene | 21.460 | 228 | 4896757 | 61.469 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.389 | 252 | 1982344 | 62.681 | ng | 100 |
| 83) Chrysene | 21.530 | 228 | 4625245 | 61.276 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.395 | 149 | 3103331 | 60.769 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.636 | 149 | 5491065 | 61.004 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.436 | 276 | 6771619 | 62.088 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.713 | 252 | 5290333 | 61.842 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.777 | 252 | 5191049 | 59.612 | ng | 99 |
| 90) Benzo(a)pyrene | 24.595 | 252 | 5093340 | 60.965 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.495 | 278 | 5489005 | 61.830 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.571 | 276 | 5442983 | 61.794 | ng | 100 |

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

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