Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025204.D
Acq On : 21 Jul 2025 19:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 02:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP072125

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 07/22/2025
Supervised By :Jagrut Upadhyay 07/22/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.431 | 152 | 524940 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.172 | 136 | 2104576 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.084 | 164 | 1362526 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.890 | 188 | 2724423 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.325 | 240 | 2909374 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.454 | 264 | 3512838 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.096 | 112 | 2638101 | 84.913 | ng | 0.00 |
| 7) Phenol-d6 | 6.637 | 99 | 3268850 | 84.951 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.561 | 82 | 3013470 | 79.573 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.613 | 330 | 1738413 | 86.546 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.678 | 172 | 7858078 | 81.308 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.660 | 244 | 11572188 | 78.518 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.120 | 88 | 504115 | 43.294 | ng | 100 |
| 3) Pyridine | 3.496 | 79 | 1412341 | 45.312 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.408 | 42 | 559588 | 45.271 | ng | 99 |
| 6) Aniline | 6.778 | 93 | 2258683 | 44.906 | ng | 100 |
| 8) 2-Chlorophenol | 7.014 | 128 | 1592397 | 45.173 | ng | 99 |
| 9) Benzaldehyde | 6.596 | 77 | 1084774 | 41.579 | ng | 100 |
| 10) Phenol | 6.661 | 94 | 1791500 | 44.894 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.878 | 93 | 1378085 | 45.044 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.325 | 146 | 1775571 | 44.791 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.466 | 146 | 1799506 | 44.972 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.772 | 146 | 1732981 | 45.020 | ng | 99 |
| 15) Benzyl Alcohol | 7.672 | 79 | 1256245 | 45.260 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.955 | 45 | 1759704 | 44.953 | ng | 98 |
| 17) 2-Methylphenol | 7.878 | 107 | 1255605 | 45.385 | ng | 99 |
| 18) Hexachloroethane | 8.484 | 117 | 622156 | 45.213 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.231 | 70 | 1056083 | 45.622 | ng | 99 |
| 20) 3+4-Methylphenols | 8.196 | 107 | 1707787 | 45.254 | ng | 99 |
| 22) Acetophenone | 8.243 | 105 | 2254711 | 46.041 | ng | 100 |
| 24) Nitrobenzene | 8.608 | 77 | 1559201 | 46.187 | ng | 98 |
| 25) Isophorone | 9.131 | 82 | 3018090 | 45.319 | ng | 100 |
| 26) 2-Nitrophenol | 9.308 | 139 | 897017 | 46.272 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.384 | 122 | 1483657 | 45.737 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.608 | 93 | 1895452 | 45.503 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.831 | 162 | 1520412 | 45.622 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.049 | 180 | 1637469 | 44.986 | ng | 99 |
| 31) Naphthalene | 10.219 | 128 | 4820314 | 44.759 | ng | 100 |
| 32) Benzoic acid | 9.525 | 122 | 1168950 | 47.203 | ng | 98 |
| 33) 4-Chloroaniline | 10.337 | 127 | 2150538 | 45.428 | ng | 99 |
| 34) Hexachlorobutadiene | 10.525 | 225 | 972292 | 44.380 | ng | 98 |
| 35) Caprolactam | 11.131 | 113 | 502072 | 45.393 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.484 | 107 | 1529350 | 45.907 | ng | 99 |
| 37) 2-Methylnaphthalene | 11.855 | 142 | 3102963 | 44.372 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.078 | 142 | 3312609 | 45.095 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.237 | 216 | 1867529 | 45.726 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.219 | 237 | 1182850 | 48.517 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.484 | 196 | 1271588 | 45.567 | ng | 99 |

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Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 02:56:36 2025
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.560 | 196 | 1384362 | 45.080 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.896 | 154 | 4485894 | 45.416 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.931 | 162 | 3474901 | 45.062 | ng | 100 |
| 48) 2-Nitroaniline | 13.143 | 65 | 909354 | 46.176 | ng | 98 |
| 49) Acenaphthylene | 13.796 | 152 | 5754979 | 46.141 | ng | 100 |
| 50) Dimethylphthalate | 13.543 | 163 | 4360923 | 44.753 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.654 | 165 | 978826 | 46.230 | ng | 99 |
| 52) Acenaphthene | 14.154 | 154 | 3282137 | 45.507 | ng | 99 |
| 53) 3-Nitroaniline | 13.984 | 138 | 1096681 | 45.931 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.196 | 184 | 586989 | 46.791 | ng | 98 |
| 55) Dibenzofuran | 14.496 | 168 | 5343820 | 45.869 | ng | 99 |
| 56) 4-Nitrophenol | 14.313 | 139 | 944675 | 46.237 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.460 | 165 | 1390893 | 46.930 | ng | 95 |
| 58) Fluorene | 15.154 | 166 | 4240752 | 45.851 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.725 | 232 | 1243197 | 45.744 | ng | 100 |
| 60) Diethylphthalate | 14.948 | 149 | 4306867 | 44.844 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.160 | 204 | 2117148 | 45.300 | ng | 99 |
| 62) 4-Nitroaniline | 15.178 | 138 | 1122038 | 46.208 | ng | 99 |
| 63) Azobenzene | 15.454 | 77 | 3579445 | 45.735 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 820280 | 46.654 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.372 | 169 | 3726776 | 45.067 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.072 | 248 | 1399658 | 44.020 | ng | 97 |
| 68) Hexachlorobenzene | 16.190 | 284 | 1692331 | 44.819 | ng | 95 |
| 69) Atrazine | 16.378 | 200 | 1395157 | 45.593 | ng | 98 |
| 70) Pentachlorophenol | 16.543 | 266 | 1172182 | 45.651 | ng | 99 |
| 71) Phenanthrene | 16.937 | 178 | 6708617 | 45.655 | ng | 100 |
| 72) Anthracene | 17.042 | 178 | 6800703 | 45.942 | ng | 100 |
| 73) Carbazole | 17.319 | 167 | 6461345 | 45.725 | ng | 100 |
| 74) Di-n-butylphthalate | 17.937 | 149 | 7668085 | 47.030 | ng | 100 |
| 75) Fluoranthene | 19.036 | 202 | 8016191 | 46.353 | ng | 100 |
| 77) Benzidine | 19.254 | 184 | 5103974 | 49.969 | ng | 99 |
| 78) Pyrene | 19.419 | 202 | 8280087 | 46.157 | ng | 99 |
| 80) Butylbenzylphthalate | 20.407 | 149 | 3669353 | 45.188 | ng | 97 |
| 81) Benzo(a)anthracene | 21.307 | 228 | 8225034 | 44.767 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.248 | 252 | 3492411 | 45.857 | ng | 99 |
| 83) Chrysene | 21.372 | 228 | 7810320 | 45.539 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.289 | 149 | 5264917 | 45.344 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.501 | 149 | 9383339 | 46.799 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.983 | 276 | 11490241m | 44.760 | ng | |
| 88) Benzo(b)fluoranthene | 23.483 | 252 | 8937938 | 44.450 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.548 | 252 | 8873357 | 44.700 | ng | 100 |
| 90) Benzo(a)pyrene | 24.324 | 252 | 8836252 | 45.040 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.054 | 278 | 9396843 | 44.867 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.077 | 276 | 9117542 | 44.298 | ng | 98 |

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

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Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

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