Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143377.D
Acq On : 14 Aug 2025 12:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 13:16:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.934 | 152 | 143032 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.216 | 136 | 542236 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.969 | 164 | 283411 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.457 | 188 | 404824 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.098 | 240 | 239234 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.592 | 264 | 289673 | 20.000 | ng | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.563 | 112 | 619218 | 74.863 | ng | 0.00 |
| 7) Phenol-d6 | 6.563 | 99 | 763071 | 71.941 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.492 | 82 | 688096 | 79.025 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.763 | 330 | 172272 | 83.174 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.286 | 172 | 1221958 | 73.114 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.039 | 244 | 982722 | 73.338 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.740 | 88 | 152653 | 35.666 | ng | 98 |
| 3) Pyridine | 3.522 | 79 | 412638 | 36.179 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.451 | 42 | 187367 | 35.267 | ng | 98 |
| 6) Aniline | 6.598 | 93 | 530102 | 35.450 | ng | 97 |
| 8) 2-Chlorophenol | 6.722 | 128 | 337460 | 38.182 | ng | 98 |
| 9) Benzaldehyde | 6.487 | 77 | 233521 | 33.310 | ng | 98 |
| 10) Phenol | 6.581 | 94 | 456448 | 36.326 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.663 | 93 | 333589 | 36.022 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.881 | 146 | 368645 | 36.162 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.951 | 146 | 368057 | 35.973 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.104 | 146 | 353914 | 36.440 | ng | 99 |
| 15) Benzyl Alcohol | 7.075 | 79 | 283480 | 37.284 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204 | 45 | 598078 | 36.174 | ng | 98 |
| 17) 2-Methylphenol | 7.187 | 107 | 271579 | 36.403 | ng | 100 |
| 18) Hexachloroethane | 7.451 | 117 | 125788 | 39.214 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.339 | 70 | 228789 | 34.908 | ng | 98 |
| 20) 3+4-Methylphenols | 7.339 | 107 | 331798 | 36.775 | ng | 97 |
| 22) Acetophenone | 7.339 | 105 | 425087 | 35.580 | ng | 98 |
| 24) Nitrobenzene | 7.510 | 77 | 359814 | 38.049 | ng | 98 |
| 25) Isophorone | 7.751 | 82 | 628488 | 35.357 | ng | 99 |
| 26) 2-Nitrophenol | 7.828 | 139 | 165535 | 44.009 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.863 | 122 | 282954m | 38.155 | ng | |
| 28) bis(2-Chloroethoxy)met... | 7.957 | 93 | 395236 | 36.418 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.075 | 162 | 280574 | 38.736 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.157 | 180 | 286115 | 37.448 | ng | 99 |
| 31) Naphthalene | 8.239 | 128 | 950950 | 36.447 | ng | 100 |
| 32) Benzoic acid | 7.975 | 122 | 133895 | 43.135 | ng | 99 |
| 33) 4-Chloroaniline | 8.281 | 127 | 341490 | 36.287 | ng | 99 |
| 34) Hexachlorobutadiene | 8.357 | 225 | 181385 | 38.164 | ng | 99 |
| 35) Caprolactam | 8.639 | 113 | 76059 | 37.353 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 8.763 | 107 | 282403 | 37.191 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.928 | 142 | 622239 | 36.276 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.028 | 142 | 599818 | 36.308 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.098 | 216 | 293706 | 37.871 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.086 | 237 | 122851 | 47.813 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.210 | 196 | 179680 | 40.834 | ng | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.251 | 196 | 195288 | 39.301 | ng | 98 |
| 46) | 1,1'-Biphenyl | 9.392 | 154 | 727640 | 36.312 | ng | 100 |
| 47) | 2-Chloronaphthalene | 9.416 | 162 | 575800 | 36.485 | ng | 99 |
| 48) | 2-Nitroaniline | 9.510 | 65 | 174216 | 38.835 | ng | 98 |
| 49) | Acenaphthylene | 9.833 | 152 | 822757 | 36.100 | ng | 99 |
| 50) | Dimethylphthalate | 9.681 | 163 | 605945 | 36.590 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 9.745 | 165 | 122638 | 39.683 | ng | 97 |
| 52) | Acenaphthene | 10.004 | 154 | 543801 | 35.890 | ng | 99 |
| 53) | 3-Nitroaniline | 9.916 | 138 | 138234 | 40.760 | ng | 98 |
| 54) | 2,4-Dinitrophenol | 10.028 | 184 | 37998 | 39.881 | ng | 90 |
| 55) | Dibenzofuran | 10.175 | 168 | 787502 | 36.113 | ng | 99 |
| 56) | 4-Nitrophenol | 10.080 | 139 | 80105 | 33.008 | ng | 96 |
| 57) | 2,4-Dinitrotoluene | 10.151 | 165 | 163031 | 39.758 | ng | 92 |
| 58) | Fluorene | 10.522 | 166 | 593649 | 35.641 | ng | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.298 | 232 | 141719 | 42.309 | ng | 97 |
| 60) | Diethylphthalate | 10.386 | 149 | 549288 | 37.031 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 10.510 | 204 | 293085 | 36.416 | ng | 99 |
| 62) | 4-Nitroaniline | 10.528 | 138 | 124208 | 37.855 | ng | 99 |
| 63) | Azobenzene | 10.669 | 77 | 600012 | 35.414 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 10.563 | 198 | 69944 | 43.506 | ng | 95 |
| 66) | n-Nitrosodiphenylamine | 10.627 | 169 | 498392 | 37.389 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 10.998 | 248 | 178131 | 38.474 | ng | 99 |
| 68) | Hexachlorobenzene | 11.075 | 284 | 186624 | 37.395 | ng | 99 |
| 69) | Atrazine | 11.151 | 200 | 135519 | 38.979 | ng | 100 |
| 70) | Pentachlorophenol | 11.269 | 266 | 75453 | 34.523 | ng | 94 |
| 71) | Phenanthrene | 11.480 | 178 | 808775 | 36.618 | ng | 100 |
| 72) | Anthracene | 11.533 | 178 | 823989 | 36.786 | ng | 99 |
| 73) | Carbazole | 11.686 | 167 | 672887 | 35.273 | ng | 99 |
| 74) | Di-n-butylphthalate | 12.016 | 149 | 677330 | 41.959 | ng | 100 |
| 75) | Fluoranthene | 12.674 | 202 | 695831 | 35.965 | ng | 98 |
| 77) | Benzidine | 12.786 | 184 | 257151 | 39.317 | ng | 98 |
| 78) | Pyrene | 12.904 | 202 | 703812 | 35.069 | ng | 100 |
| 80) | Butylbenzylphthalate | 13.510 | 149 | 198206 | 49.838 | ng | 98 |
| 81) | Benzo(a)anthracene | 14.086 | 228 | 575793 | 37.867 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 14.045 | 252 | 165667 | 40.349 | ng | 99 |
| 83) | Chrysene | 14.127 | 228 | 496975 | 35.052 | ng | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.074 | 149 | 293859 | 50.177 | ng | 98 |
| 85) | Di-n-octyl phthalate | 14.686 | 149 | 552169 | 47.599 | ng | 97 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.121 | 276 | 820270 | 39.525 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 15.151 | 252 | 585035 | 36.925 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 15.180 | 252 | 538537 | 34.980 | ng | 100 |
| 90) | Benzo(a)pyrene | 15.533 | 252 | 550144 | 36.867 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 17.133 | 278 | 657670 | 39.667 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 17.586 | 276 | 662349 | 39.657 | ng | 100 |

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

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