Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
Data File : BF141693.D
Acq On : 20 Feb 2025 00:05
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 02:06:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.781 | 152 | 84080 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.063 | 136 | 333578 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.816 | 164 | 175620 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.298 | 188 | 284381 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 13.939 | 240 | 159233 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 15.380 | 264 | 177430 | 20.000 | ng | -0.04 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.398 | 112 | 468481 | 87.352 | ng | -0.01 |
| 7) Phenol-d6 | 6.422 | 99 | 561337 | 82.811 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.345 | 82 | 511901 | 80.041 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.604 | 330 | 138958 | 78.766 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.139 | 172 | 964086 | 84.575 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.880 | 244 | 840257 | 89.083 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.469 | 88 | 94779 | 43.909 | ng | 95 |
| 3) Pyridine | 3.193 | 79 | 229986 | 44.775 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.152 | 42 | 129005 | 37.930 | ng | 91 |
| 6) Aniline | 6.445 | 93 | 247740 | 38.961 | ng | 97 |
| 8) 2-Chlorophenol | 6.569 | 128 | 245940 | 42.440 | ng | 98 |
| 9) Benzaldehyde | 6.334 | 77 | 137936 | 38.293 | ng | 99 |
| 10) Phenol | 6.440 | 94 | 293175 | 41.555 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 6.522 | 93 | 224785 | 42.419 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.722 | 146 | 261330 | 42.715 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.798 | 146 | 266398 | 42.618 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.951 | 146 | 247985 | 42.745 | ng | 100 |
| 15) Benzyl Alcohol | 6.928 | 79 | 207360 | 39.891 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057 | 45 | 352380 | 38.846 | ng | 78 |
| 17) 2-Methylphenol | 7.045 | 107 | 187984 | 41.452 | ng | 99 |
| 18) Hexachloroethane | 7.292 | 117 | 98871 | 42.739 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.198 | 70 | 163637 | 40.358 | ng | 95 |
| 20) 3+4-Methylphenols | 7.198 | 107 | 239036 | 41.476 | ng | 93 |
| 22) Acetophenone | 7.192 | 105 | 337167 | 40.633 | ng | 94 |
| 24) Nitrobenzene | 7.369 | 77 | 253453 | 40.641 | ng | 98 |
| 25) Isophorone | 7.604 | 82 | 413093 | 40.509 | ng | 99 |
| 26) 2-Nitrophenol | 7.681 | 139 | 131772 | 42.470 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.722 | 122 | 149351 | 41.204 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.816 | 93 | 274608 | 42.025 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.928 | 162 | 204723 | 41.802 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.004 | 180 | 221676 | 41.566 | ng | 99 |
| 31) Naphthalene | 8.087 | 128 | 718945 | 41.404 | ng | 99 |
| 32) Benzoic acid | 7.851 | 122 | 126034 | 33.475 | ng | 97 |
| 33) 4-Chloroaniline | 8.139 | 127 | 240828 | 39.725 | ng | 98 |
| 34) Hexachlorobutadiene | 8.198 | 225 | 135641 | 42.366 | ng | 99 |
| 35) Caprolactam | 8.510 | 113 | 58706 | 39.370 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 8.628 | 107 | 215204 | 39.669 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.775 | 142 | 461190 | 40.816 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.875 | 142 | 441230 | 40.318 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.939 | 216 | 217164 | 42.741 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 8.922 | 237 | 49825 | 29.483 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.057 | 196 | 136859 | 41.676 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.110 | 196 | 147858 | 41.546 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.239 | 154 | 576246 | 42.323 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.263 | 162 | 423178 | 42.031 | ng | 99 |
| 48) 2-Nitroaniline | 9.363 | 65 | 133620 | 39.545 | ng | 95 |
| 49) Acenaphthylene | 9.675 | 152 | 624279 | 41.687 | ng | 99 |
| 50) Dimethylphthalate | 9.539 | 163 | 501886 | 42.096 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.604 | 165 | 108613 | 41.673 | ng | 98 |
| 52) Acenaphthene | 9.851 | 154 | 407725 | 40.498 | ng | 99 |
| 53) 3-Nitroaniline | 9.775 | 138 | 108260 | 38.593 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.892 | 184 | 43173 | 27.871 | ng | 91 |
| 55) Dibenzofuran | 10.022 | 168 | 603488 | 40.838 | ng | 98 |
| 56) 4-Nitrophenol | 9.957 | 139 | 63683 | 30.582 | ng | 92 |
| 57) 2,4-Dinitrotoluene | 10.010 | 165 | 139778 | 40.286 | ng | 99 |
| 58) Fluorene | 10.363 | 166 | 467231 | 40.892 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232 | 124299 | 40.567 | ng | 95 |
| 60) Diethylphthalate | 10.233 | 149 | 481565 | 41.053 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204 | 232006 | 42.206 | ng | 96 |
| 62) 4-Nitroaniline | 10.386 | 138 | 104128 | 36.557 | ng | 97 |
| 63) Azobenzene | 10.516 | 77 | 465416 | 39.911 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198 | 70281 | 35.577 | ng | 92 |
| 66) n-Nitrosodiphenylamine | 10.475 | 169 | 398837 | 43.812 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248 | 141150 | 44.410 | ng | 98 |
| 68) Hexachlorobenzene | 10.910 | 284 | 142480 | 43.534 | ng | 98 |
| 69) Atrazine | 11.004 | 200 | 104658 | 38.322 | ng | 99 |
| 70) Pentachlorophenol | 11.110 | 266 | 64773 | 30.952 | ng | 97 |
| 71) Phenanthrene | 11.322 | 178 | 645237 | 41.219 | ng | 100 |
| 72) Anthracene | 11.375 | 178 | 643493 | 40.893 | ng | 100 |
| 73) Carbazole | 11.533 | 167 | 549351 | 38.799 | ng | 99 |
| 74) Di-n-butylphthalate | 11.863 | 149 | 686027 | 41.961 | ng | 100 |
| 75) Fluoranthene | 12.510 | 202 | 602029 | 36.275 | ng | 100 |
| 77) Benzidine | 12.639 | 184 | 135198 | 38.498 | ng | 99 |
| 78) Pyrene | 12.739 | 202 | 595275 | 43.915 | ng | 100 |
| 80) Butylbenzylphthalate | 13.357 | 149 | 219614 | 46.775 | ng | 100 |
| 81) Benzo(a)anthracene | 13.927 | 228 | 441236 | 41.686 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.892 | 252 | 137095 | 45.215 | ng | 100 |
| 83) Chrysene | 13.963 | 228 | 415159 | 42.478 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.916 | 149 | 286347 | 54.076 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.527 | 149 | 432533 | 57.257 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.815 | 276 | 514199 | 46.902 | ng | 99 |
| 88) Benzo(b)fluoranthene | 14.963 | 252 | 431312 | 36.203 | ng | 100 |
| 89) Benzo(k)fluoranthene | 14.992 | 252 | 419957m | 41.281 | ng | |
| 90) Benzo(a)pyrene | 15.321 | 252 | 394420 | 40.915 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.827 | 278 | 419567 | 47.231 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.245 | 276 | 429072 | 46.156 | ng | 100 |

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

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