Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141079.D
Acq On : 08 Jan 2025 10:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 08 11:10:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.834 | 152 | 229689 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.116 | 136 | 890442 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 476495 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.351 | 188 | 788190 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.998 | 240 | 453606 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 15.492 | 264 | 453696 | 20.000 | ng | | 0.05 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 1130093 | 74.165 | ng | | 0.00 |
| 7) Phenol-d6 | 6.457 | 99 | 1433304 | 73.018 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 1283581 | 92.225 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 418770 | 90.445 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 2278209 | 76.176 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.939 | 244 | 2294557 | 84.021 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.552 | 88 | 250929 | 36.374 | ng | | 97 |
| 3) Pyridine | 3.299 | 79 | 637796 | 37.831 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.246 | 42 | 305271 | 35.737 | ng | | 99 |
| 6) Aniline | 6.492 | 93 | 667482 | 38.128 | ng | | 99 |
| 8) 2-Chlorophenol | 6.616 | 128 | 610627 | 38.009 | ng | | 97 |
| 9) Benzaldehyde | 6.381 | 77 | 377479 | 39.164 | ng | | 98 |
| 10) Phenol | 6.469 | 94 | 769183 | 37.896 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.569 | 93 | 576510 | 35.177 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.769 | 146 | 675290 | 38.088 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.851 | 146 | 681437 | 38.126 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.004 | 146 | 635987 | 38.165 | ng | | 99 |
| 15) Benzyl Alcohol | 6.969 | 79 | 524966 | 37.216 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104 | 45 | 857826 | 34.611 | ng | | 99 |
| 17) 2-Methylphenol | 7.081 | 107 | 494158 | 37.025 | ng | | 100 |
| 18) Hexachloroethane | 7.345 | 117 | 248407 | 39.124 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.245 | 70 | 424321 | 35.285 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.234 | 107 | 622639 | 36.865 | ng | # | 86 |
| 22) Acetophenone | 7.239 | 105 | 798811 | 36.569 | ng | | 98 |
| 24) Nitrobenzene | 7.410 | 77 | 674839 | 43.393 | ng | | 98 |
| 25) Isophorone | 7.651 | 82 | 1127296 | 37.221 | ng | | 100 |
| 26) 2-Nitrophenol | 7.728 | 139 | 304354 | 47.782 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.763 | 122 | 413750 | 37.380 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.863 | 93 | 710566 | 37.030 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.963 | 162 | 496646 | 39.562 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.051 | 180 | 555284 | 39.081 | ng | | 100 |
| 31) Naphthalene | 8.134 | 128 | 1795871 | 38.274 | ng | | 99 |
| 32) Benzoic acid | 7.869 | 122 | 411236 | 45.604 | ng | | 97 |
| 33) 4-Chloroaniline | 8.181 | 127 | 631644 | 37.211 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.251 | 225 | 337151 | 40.250 | ng | | 99 |
| 35) Caprolactam | 8.551 | 113 | 166859 | 39.099 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 543391 | 38.977 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 1144198 | 38.118 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.922 | 142 | 1124960 | 38.134 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 519348 | 39.618 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 191303 | 44.037 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.098 | 196 | 353659 | 40.535 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 380571 | 42.631 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.286 | 154 | 1399088 | 38.347 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.310 | 162 | 1096589 | 38.753 | ng | | 100 |
| 48) 2-Nitroaniline | 9.404 | 65 | 331512 | 45.095 | ng | | 91 |
| 49) Acenaphthylene | 9.728 | 152 | 1563704 | 38.388 | ng | | 100 |
| 50) Dimethylphthalate | 9.586 | 163 | 1224426 | 39.066 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 289566 | 45.508 | ng | | 97 |
| 52) Acenaphthene | 9.898 | 154 | 1086234 | 39.444 | ng | | 100 |
| 53) 3-Nitroaniline | 9.816 | 138 | 300556 | 43.562 | ng | # | 92 |
| 54) 2,4-Dinitrophenol | 9.922 | 184 | 130076 | 59.075 | ng | # | 1 |
| 55) Dibenzofuran | 10.069 | 168 | 1487133 | 38.426 | ng | | 99 |
| 56) 4-Nitrophenol | 9.963 | 139 | 241207 | 44.990 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.051 | 165 | 376001 | 48.065 | ng | | 94 |
| 58) Fluorene | 10.416 | 166 | 1137869 | 37.915 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232 | 318556 | 43.087 | ng | | 97 |
| 60) Diethylphthalate | 10.286 | 149 | 1198691 | 38.740 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204 | 563083 | 38.993 | ng | | 99 |
| 62) 4-Nitroaniline | 10.428 | 138 | 291967 | 42.459 | ng | | 95 |
| 63) Azobenzene | 10.569 | 77 | 1206641 | 37.153 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 189388 | 57.878 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.522 | 169 | 1010230 | 40.702 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248 | 370235 | 43.452 | ng | | 96 |
| 68) Hexachlorobenzene | 10.963 | 284 | 398693 | 42.436 | ng | | 98 |
| 69) Atrazine | 11.045 | 200 | 239580 | 34.552 | ng | | 99 |
| 70) Pentachlorophenol | 11.151 | 266 | 270973 | 46.324 | ng | | 99 |
| 71) Phenanthrene | 11.375 | 178 | 1651051 | 39.800 | ng | | 100 |
| 72) Anthracene | 11.427 | 178 | 1625433 | 39.988 | ng | | 99 |
| 73) Carbazole | 11.580 | 167 | 1500292 | 38.394 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.916 | 149 | 1766742 | 39.751 | ng | | 99 |
| 75) Fluoranthene | 12.563 | 202 | 1673369 | 37.193 | ng | | 98 |
| 77) Benzidine | 12.680 | 184 | 422736 | 44.097 | ng | | 99 |
| 78) Pyrene | 12.792 | 202 | 1645147 | 41.469 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.416 | 149 | 579093 | 39.976 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.992 | 228 | 1180479 | 37.341 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.951 | 252 | 382305 | 40.250 | ng | | 99 |
| 83) Chrysene | 14.027 | 228 | 1061204 | 37.237 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149 | 691740 | 36.813 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 1065063 | 39.162 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.957 | 276 | 1297695 | 45.400 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.063 | 252 | 1121970 | 35.458 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.092 | 252 | 934620 | 37.686 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.427 | 252 | 942214 | 38.363 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.980 | 278 | 1060367 | 45.764 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.404 | 276 | 1108046 | 46.107 | ng | | 98 |

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

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