Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140218.D
Acq On : 04 Nov 2024 14:46
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Nov 04 16:54:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 16:40:41 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 218244 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 806521 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 468102 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 833437 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 519714 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.545 | 264 | 459164 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 998052 | 77.490 | ng | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 1271918 | 76.962 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 1244930 | 78.089 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 412406 | 79.905 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 2294804 | 76.627 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 2571293 | 78.937 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.669 | 88 | 222058 | 39.059 | ng | 100 |
| 3) Pyridine | 3.434 | 79 | 552579 | 39.569 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.393 | 42 | 310902 | 39.743 | ng | 100 |
| 6) Aniline | 6.545 | 93 | 563966 | 39.096 | ng | 100 |
| 8) 2-Chlorophenol | 6.663 | 128 | 524393 | 38.626 | ng | 100 |
| 9) Benzaldehyde | 6.428 | 77 | 399291 | 37.185 | ng | 100 |
| 10) Phenol | 6.516 | 94 | 682268 | 38.815 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 521054 | 38.558 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 622778 | 38.853 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 621933 | 38.409 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 580529 | 38.363 | ng | 100 |
| 15) Benzyl Alcohol | 7.016 | 79 | 513086 | 39.636 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 752863 | 38.709 | ng | 100 |
| 17) 2-Methylphenol | 7.128 | 107 | 429040 | 39.045 | ng | 100 |
| 18) Hexachloroethane | 7.392 | 117 | 236329 | 39.203 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 410465 | 38.038 | ng | 100 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 545639 | 38.591 | ng | 100 |
| 22) Acetophenone | 7.286 | 105 | 761763 | 38.537 | ng | 100 |
| 24) Nitrobenzene | 7.463 | 77 | 647639 | 38.913 | ng | 100 |
| 25) Isophorone | 7.698 | 82 | 1056162 | 38.998 | ng | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 264370 | 40.474 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 353217 | 39.484 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 636323 | 38.996 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 446674 | 39.483 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 538036 | 38.735 | ng | 100 |
| 31) Naphthalene | 8.181 | 128 | 1573759 | 38.706 | ng | 100 |
| 32) Benzoic acid | 7.922 | 122 | 292435 | 41.112 | ng | 100 |
| 33) 4-Chloroaniline | 8.228 | 127 | 511942 | 37.990 | ng | 100 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 377324 | 39.144 | ng | 100 |
| 35) Caprolactam | 8.604 | 113 | 134745 | 40.138 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 480969 | 39.039 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 1044965 | 38.512 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 1017797 | 38.322 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.033 | 216 | 556861 | 38.543 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 173564 | 43.803 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 358015 | 40.581 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 356101 | 38.633 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.333 | 154 | 1308608 | 38.514 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 992821 | 38.511 | ng | 100 |
| 48) 2-Nitroaniline | 9.457 | 65 | 325782 | 40.655 | ng | 100 |
| 49) Acenaphthylene | 9.780 | 152 | 1400520 | 38.599 | ng | 100 |
| 50) Dimethylphthalate | 9.639 | 163 | 1110672 | 38.691 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 268465 | 39.246 | ng | 100 |
| 52) Acenaphthene | 9.951 | 154 | 1006352 | 38.911 | ng | 100 |
| 53) 3-Nitroaniline | 9.869 | 138 | 250085 | 40.066 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 121375 | 38.827 | ng | 100 |
| 55) Dibenzofuran | 10.122 | 168 | 1413860 | 38.702 | ng | 100 |
| 56) 4-Nitrophenol | 10.022 | 139 | 192314 | 41.638 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 360025 | 40.205 | ng | 100 |
| 58) Fluorene | 10.469 | 166 | 1119281 | 38.313 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 305647 | 40.021 | ng | 100 |
| 60) Diethylphthalate | 10.339 | 149 | 1136253 | 38.856 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 571115 | 37.992 | ng | 100 |
| 62) 4-Nitroaniline | 10.486 | 138 | 253973 | 40.023 | ng | 100 |
| 63) Azobenzene | 10.616 | 77 | 1140730 | 38.469 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 184843 | 42.358 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.574 | 169 | 942552 | 39.262 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 367721 | 39.178 | ng | 100 |
| 68) Hexachlorobenzene | 11.016 | 284 | 417351 | 39.402 | ng | 100 |
| 69) Atrazine | 11.104 | 200 | 276820 | 41.217 | ng | 100 |
| 70) Pentachlorophenol | 11.210 | 266 | 242711 | 43.026 | ng | 100 |
| 71) Phenanthrene | 11.433 | 178 | 1568592 | 38.717 | ng | 100 |
| 72) Anthracene | 11.480 | 178 | 1543534 | 38.876 | ng | 100 |
| 73) Carbazole | 11.639 | 167 | 1414089 | 39.269 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 1670622 | 39.557 | ng | 100 |
| 75) Fluoranthene | 12.621 | 202 | 1694379 | 39.045 | ng | 100 |
| 77) Benzidine | 12.739 | 184 | 312126 | 34.623 | ng | 100 |
| 78) Pyrene | 12.851 | 202 | 1685783 | 39.497 | ng | 100 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 608675 | 40.662 | ng | 100 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 1337026 | 39.223 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 406483 | 39.524 | ng | 100 |
| 83) Chrysene | 14.080 | 228 | 1221565 | 38.958 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 827560 | 39.751 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 1230269 | 39.849 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.056 | 276 | 1164443 | 40.291 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.109 | 252 | 1176440 | 40.620 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 952334 | 36.899 | ng | 100 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 919956 | 39.410 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.074 | 278 | 958091 | 40.705 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 971858 | 40.439 | ng | 100 |

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

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