Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135838.D
Acq On : 18 Oct 2023 10:27
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 19 01:13:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.740 | 152 | 95918 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.022 | 136 | 334120 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.781 | 164 | 174848 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.275 | 188 | 340988 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.945 | 240 | 227882 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.421 | 264 | 206413 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 529503 | 88.754 | ng | | 0.00 |
| 7) Phenol-d6 | 6.404 | 99 | 572187 | 76.867 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.316 | 82 | 544645 | 89.654 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.581 | 330 | 142575 | 84.977 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.104 | 172 | 949959 | 84.946 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.874 | 244 | 1031526 | 83.828 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.416 | 88 | 139666 | 48.535 | ng | | 99 |
| 3) Pyridine | 3.175 | 79 | 285833 | 40.483 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.152 | 42 | 161825 | 42.619 | ng | | 93 |
| 6) Aniline | 6.410 | 93 | 352664 | 37.646 | ng | | 89 |
| 8) 2-Chlorophenol | 6.534 | 128 | 253039 | 39.331 | ng | | 99 |
| 9) Benzaldehyde | 6.304 | 77 | 164238 | 38.765 | ng | | 98 |
| 10) Phenol | 6.416 | 94 | 309076 | 39.626 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.487 | 93 | 236514 | 37.633 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.681 | 146 | 257953 | 39.550 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.757 | 146 | 256180 | 38.773 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.910 | 146 | 236341 | 39.727 | ng | | 99 |
| 15) Benzyl Alcohol | 6.898 | 79 | 199863 | 40.380 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016 | 45 | 406039 | 35.723 | ng | | 64 |
| 17) 2-Methylphenol | 7.016 | 107 | 202485 | 36.357 | ng | | 97 |
| 18) Hexachloroethane | 7.240 | 117 | 93583 | 39.064 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.163 | 70 | 175393 | 38.107 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.169 | 107 | 276619 | 39.841 | ng | | 95 |
| 22) Acetophenone | 7.157 | 105 | 342826 | 44.739 | ng | | 98 |
| 24) Nitrobenzene | 7.334 | 77 | 266947 | 43.783 | ng | | 99 |
| 25) Isophorone | 7.569 | 82 | 482287 | 42.081 | ng | | 99 |
| 26) 2-Nitrophenol | 7.645 | 139 | 124032 | 41.685 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.692 | 122 | 217179 | 44.338 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.775 | 93 | 296931 | 43.504 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.892 | 162 | 205918 | 44.859 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.963 | 180 | 208477 | 44.405 | ng | | 99 |
| 31) Naphthalene | 8.045 | 128 | 660857 | 40.551 | ng | | 99 |
| 32) Benzoic acid | 7.845 | 122 | 143921 | 43.407 | ng | | 96 |
| 33) 4-Chloroaniline | 8.104 | 127 | 316261 | 44.425 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.151 | 225 | 128447 | 46.221 | ng | | 97 |
| 35) Caprolactam | 8.498 | 113 | 67404 | 42.954 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 8.598 | 107 | 227628 | 44.716 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.734 | 142 | 444392 | 41.388 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.834 | 142 | 417903 | 42.198 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.904 | 216 | 212190 | 42.188 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.881 | 237 | 18863 | 36.877 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.028 | 196 | 131612 | 40.607 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.081 | 196 | 159757 | 42.379 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.204 | 154 | 575424 | 42.962 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.228 | 162 | 411182 | 42.597 | ng | | 99 |
| 48) 2-Nitroaniline | 9.339 | 65 | 163109 | 42.809 | ng | | 96 |
| 49) Acenaphthylene | 9.645 | 152 | 652475 | 40.846 | ng | | 99 |
| 50) Dimethylphthalate | 9.510 | 163 | 477439 | 40.449 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.586 | 165 | 108928 | 42.914 | ng | # | 80 |
| 52) Acenaphthene | 9.816 | 154 | 400215 | 41.800 | ng | | 98 |
| 53) 3-Nitroaniline | 9.757 | 138 | 133441 | 42.886 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.886 | 184 | 45470 | 42.915 | ng | | 95 |
| 55) Dibenzofuran | 9.986 | 168 | 616071 | 42.644 | ng | | 99 |
| 56) 4-Nitrophenol | 9.951 | 139 | 44410 | 34.504 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.998 | 165 | 140693 | 43.569 | ng | | 95 |
| 58) Fluorene | 10.334 | 166 | 480179 | 42.456 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.122 | 232 | 114808 | 40.300 | ng | | 98 |
| 60) Diethylphthalate | 10.210 | 149 | 499385 | 41.443 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204 | 232724 | 42.575 | ng | | 97 |
| 62) 4-Nitroaniline | 10.381 | 138 | 124747 | 43.574 | ng | | 97 |
| 63) Azobenzene | 10.486 | 77 | 482082 | 41.178 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198 | 71680 | 41.770 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 10.451 | 169 | 430983 | 41.468 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248 | 143846 | 42.024 | ng | | 97 |
| 68) Hexachlorobenzene | 10.886 | 284 | 143216 | 41.096 | ng | | 97 |
| 69) Atrazine | 10.981 | 200 | 115767 | 40.951 | ng | | 99 |
| 70) Pentachlorophenol | 11.092 | 266 | 52916 | 38.499 | ng | | 96 |
| 71) Phenanthrene | 11.304 | 178 | 689379 | 42.203 | ng | | 98 |
| 72) Anthracene | 11.357 | 178 | 709902 | 41.940 | ng | | 99 |
| 73) Carbazole | 11.522 | 167 | 663998 | 42.061 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.839 | 149 | 788556 | 40.684 | ng | | 100 |
| 75) Fluoranthene | 12.504 | 202 | 755569 | 41.676 | ng | | 97 |
| 77) Benzidine | 12.627 | 184 | 188951 | 37.998 | ng | | 99 |
| 78) Pyrene | 12.733 | 202 | 765704 | 42.284 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.351 | 149 | 318269 | 39.996 | ng | | 97 |
| 81) Benzo(a)anthracene | 13.933 | 228 | 637527 | 42.592 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.898 | 252 | 203831 | 41.060 | ng | # | 97 |
| 83) Chrysene | 13.974 | 228 | 607912 | 41.931 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.910 | 149 | 420804 | 39.017 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.533 | 149 | 635137 | 37.138 | ng | # | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.939 | 276 | 470615 | 41.844 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 14.992 | 252 | 469751 | 40.663 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.021 | 252 | 494418 | 44.083 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.363 | 252 | 445079 | 40.972 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.939 | 278 | 383521 | 41.597 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.392 | 276 | 426652 | 45.049 | ng | | 97 |

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

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