Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041912.D
Acq On : 19 Sep 2023 20:49
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

Quant Time: Sep 20 02:10:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.963 | 152 | 316905 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.780 | 136 | 1386394 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.610 | 164 | 878176 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.362 | 188 | 1877265 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.539 | 240 | 1674034 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.956 | 264 | 1769492 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 1524646 | 80.133 | ng | | 0.00 |
| 7) Phenol-d6 | 7.110 | 99 | 2150105 | 81.389 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.157 | 82 | 2225881 | 81.745 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.104 | 330 | 856357 | 78.156 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.233 | 172 | 4809325 | 80.382 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.974 | 244 | 7463730 | 81.203 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.410 | 88 | 307263 | 39.593 | ng | | 100 |
| 3) Pyridine | 3.816 | 79 | 963630 | 39.971 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.746 | 42 | 471080 | 41.109 | ng | | 99 |
| 6) Aniline | 7.304 | 93 | 1397161 | 39.919 | ng | | 99 |
| 8) 2-Chlorophenol | 7.522 | 128 | 844428 | 39.864 | ng | | 98 |
| 9) Benzaldehyde | 7.128 | 77 | 622588 | 41.686 | ng | | 99 |
| 10) Phenol | 7.139 | 94 | 1097764 | 40.483 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.398 | 93 | 905333 | 40.025 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.845 | 146 | 897781 | 39.693 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.998 | 146 | 908906 | 39.548 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.316 | 146 | 872641 | 39.502 | ng | | 100 |
| 15) Benzyl Alcohol | 8.216 | 79 | 842604 | 40.401 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.492 | 45 | 1390028 | 40.182 | ng | | 99 |
| 17) 2-Methylphenol | 8.392 | 107 | 793191 | 40.227 | ng | | 99 |
| 18) Hexachloroethane | 9.033 | 117 | 340941 | 39.467 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.781 | 70 | 803095 | 40.895 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.728 | 107 | 1092639 | 40.371 | ng | | 98 |
| 22) Acetophenone | 8.810 | 105 | 1406247 | 40.575 | ng | # | 99 |
| 24) Nitrobenzene | 9.204 | 77 | 1097295 | 40.600 | ng | | 100 |
| 25) Isophorone | 9.710 | 82 | 2151156 | 40.027 | ng | | 100 |
| 26) 2-Nitrophenol | 9.898 | 139 | 493826 | 40.567 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.933 | 122 | 865145 | 39.518 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.192 | 93 | 1251806 | 39.853 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.416 | 162 | 861192 | 40.648 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.633 | 180 | 867383 | 39.876 | ng | | 98 |
| 31) Naphthalene | 10.833 | 128 | 2777112 | 39.789 | ng | | 100 |
| 32) Benzoic acid | 10.086 | 122 | 701725 | 40.682 | ng | | 100 |
| 33) 4-Chloroaniline | 10.963 | 127 | 1249638 | 40.002 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.063 | 225 | 521565 | 39.256 | ng | | 99 |
| 35) Caprolactam | 11.798 | 113 | 302017 | 39.885 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.057 | 107 | 943821 | 39.973 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.439 | 142 | 2057956 | 40.102 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.657 | 142 | 1927537 | 39.993 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.786 | 216 | 1010322 | 39.670 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.739 | 237 | 566232 | 39.541 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.039 | 196 | 696631 | 40.193 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.104 | 196 | 818047 | 40.329 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.445 | 154 | 2605537 | 40.213 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.498 | 162 | 1886822 | 39.987 | ng | 99 |
| 48) 2-Nitroaniline | 13.721 | 65 | 696861 | 41.330 | ng | 98 |
| 49) Acenaphthylene | 14.345 | 152 | 3150960 | 40.238 | ng | 100 |
| 50) Dimethylphthalate | 14.074 | 163 | 2576653 | 39.688 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.215 | 165 | 553858 | 40.256 | ng | 98 |
| 52) Acenaphthene | 14.680 | 154 | 1882767 | 39.975 | ng | 100 |
| 53) 3-Nitroaniline | 14.551 | 138 | 627034 | 40.719 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.751 | 184 | 343278 | 39.950 | ng | 98 |
| 55) Dibenzofuran | 15.010 | 168 | 3025174 | 39.790 | ng | 100 |
| 56) 4-Nitrophenol | 14.833 | 139 | 500788 | 41.004 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.998 | 165 | 751063 | 41.261 | ng | 100 |
| 58) Fluorene | 15.662 | 166 | 2402421 | 40.081 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.227 | 232 | 665350 | 39.963 | ng | 99 |
| 60) Diethylphthalate | 15.421 | 149 | 2577026 | 39.904 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 1254890 | 39.907 | ng | 98 |
| 62) 4-Nitroaniline | 15.721 | 138 | 609617 | 41.167 | ng | 99 |
| 63) Azobenzene | 15.945 | 77 | 2667311 | 40.740 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198 | 451458 | 41.880 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.874 | 169 | 2134935 | 40.267 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248 | 744145 | 38.467 | ng | 98 |
| 68) Hexachlorobenzene | 16.633 | 284 | 813466 | 39.715 | ng | 98 |
| 69) Atrazine | 16.815 | 200 | 632564 | 38.259 | ng | 100 |
| 70) Pentachlorophenol | 16.992 | 266 | 624675 | 40.365 | ng | 99 |
| 71) Phenanthrene | 17.409 | 178 | 3762195 | 40.184 | ng | 100 |
| 72) Anthracene | 17.498 | 178 | 3861555 | 40.432 | ng | 100 |
| 73) Carbazole | 17.780 | 167 | 3534724 | 40.363 | ng | 99 |
| 74) Di-n-butylphthalate | 18.303 | 149 | 4575362 | 40.696 | ng | 100 |
| 75) Fluoranthene | 19.415 | 202 | 4448519 | 40.472 | ng | 99 |
| 77) Benzidine | 19.615 | 184 | 1340041 | 39.217 | ng | 99 |
| 78) Pyrene | 19.780 | 202 | 4646231 | 39.888 | ng | 100 |
| 80) Butylbenzylphthalate | 20.656 | 149 | 2067239 | 39.903 | ng | 97 |
| 81) Benzo(a)anthracene | 21.521 | 228 | 4398335 | 40.285 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.456 | 252 | 1564081 | 40.678 | ng | 100 |
| 83) Chrysene | 21.574 | 228 | 4115196 | 40.212 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.397 | 149 | 3069179 | 39.934 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.327 | 149 | 5261564 | 40.670 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.474 | 276 | 4243042 | 40.161 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.209 | 252 | 4030945 | 39.019 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.262 | 252 | 4137064 | 40.525 | ng | 100 |
| 90) Benzo(a)pyrene | 23.850 | 252 | 3869763 | 39.920 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.485 | 278 | 3565388 | 40.480 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.250 | 276 | 3369444 | 40.038 | ng | 99 |

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

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