Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
Data File : BM041422.D
Acq On : 16 Aug 2023 13:25
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 16 16:50:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 16:44:10 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.763 | 152 | 165857 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.569 | 136 | 650935 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.427 | 164 | 415557 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.186 | 188 | 893635 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.392 | 240 | 727190 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.750 | 264 | 690539 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.340 | 112 | 780170 | 78.252 | ng | 0.00 |
| 7) Phenol-d6 | 6.951 | 99 | 1056281 | 78.024 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.945 | 82 | 1032503 | 75.718 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.933 | 330 | 494938 | 75.051 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.045 | 172 | 2382943 | 76.841 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.827 | 244 | 3556914 | 85.117 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 159893 | 37.748 | ng | 100 |
| 3) Pyridine | 3.652 | 79 | 439401m | 40.266 | ng | |
| 4) n-Nitrosodimethylamine | 3.569 | 42 | 198066 | 38.366 | ng | 100 |
| 6) Aniline | 7.104 | 93 | 634884 | 39.437 | ng | 100 |
| 8) 2-Chlorophenol | 7.328 | 128 | 395264 | 38.373 | ng | 100 |
| 9) Benzaldehyde | 6.916 | 77 | 270805 | 35.667 | ng | 100 |
| 10) Phenol | 6.975 | 94 | 511899 | 39.136 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.204 | 93 | 399212 | 38.152 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.651 | 146 | 436709 | 38.146 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.798 | 146 | 444641 | 38.414 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.116 | 146 | 431475 | 38.620 | ng | 100 |
| 15) Benzyl Alcohol | 8.028 | 79 | 390587 | 40.640 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.304 | 45 | 469720 | 37.462 | ng | 100 |
| 17) 2-Methylphenol | 8.222 | 107 | 361532 | 38.666 | ng | 100 |
| 18) Hexachloroethane | 8.828 | 117 | 166648 | 37.914 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.587 | 70 | 354858 | 38.208 | ng | 100 |
| 20) 3+4-Methylphenols | 8.557 | 107 | 493801 | 38.452 | ng | 100 |
| 22) Acetophenone | 8.604 | 105 | 626010 | 37.319 | ng | 100 |
| 24) Nitrobenzene | 8.986 | 77 | 519569 | 38.158 | ng | 100 |
| 25) Isophorone | 9.510 | 82 | 976882 | 39.139 | ng | 100 |
| 26) 2-Nitrophenol | 9.692 | 139 | 234587 | 39.459 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.757 | 122 | 374725 | 39.145 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.992 | 93 | 557132 | 38.349 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 406860 | 38.796 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.433 | 180 | 442306 | 37.984 | ng | 100 |
| 31) Naphthalene | 10.616 | 128 | 1297279 | 38.331 | ng | 100 |
| 32) Benzoic acid | 9.951 | 122 | 308754 | 40.158 | ng | 100 |
| 33) 4-Chloroaniline | 10.751 | 127 | 562764 | 39.387 | ng | 100 |
| 34) Hexachlorobutadiene | 10.886 | 225 | 290974 | 37.785 | ng | 100 |
| 35) Caprolactam | 11.580 | 113 | 127710 | 39.282 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.886 | 107 | 435897 | 39.055 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.239 | 142 | 946276 | 38.426 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.457 | 142 | 899124 | 38.646 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 519089 | 38.287 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.569 | 237 | 250722 | 37.671 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.863 | 196 | 352707 | 38.872 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.939 | 196 | 407062 | 38.753 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.257 | 154 | 1212131 | 38.650 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.304 | 162 | 927521 | 38.480 | ng | 100 |
| 48) 2-Nitroaniline | 13.527 | 65 | 320767 | 40.727 | ng | 100 |
| 49) Acenaphthylene | 14.151 | 152 | 1515097 | 38.789 | ng | 100 |
| 50) Dimethylphthalate | 13.904 | 163 | 1239163 | 38.188 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.033 | 165 | 271360 | 39.021 | ng | 100 |
| 52) Acenaphthene | 14.492 | 154 | 898595 | 38.465 | ng | 100 |
| 53) 3-Nitroaniline | 14.368 | 138 | 276506 | 39.869 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.580 | 184 | 170423 | 39.180 | ng | 100 |
| 55) Dibenzofuran | 14.833 | 168 | 1494821 | 38.158 | ng | 100 |
| 56) 4-Nitrophenol | 14.686 | 139 | 206639 | 39.568 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.827 | 165 | 368964 | 38.822 | ng | 100 |
| 58) Fluorene | 15.480 | 166 | 1190044 | 37.906 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.063 | 232 | 343311 | 38.457 | ng | 100 |
| 60) Diethylphthalate | 15.263 | 149 | 1244333 | 38.381 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.480 | 204 | 637362 | 37.656 | ng | 100 |
| 62) 4-Nitroaniline | 15.539 | 138 | 257105 | 40.637 | ng | 100 |
| 63) Azobenzene | 15.774 | 77 | 1289629 | 39.480 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198 | 231257 | 40.426 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.704 | 169 | 1022489 | 38.870 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.374 | 248 | 394526 | 38.526 | ng | 100 |
| 68) Hexachlorobenzene | 16.486 | 284 | 426393 | 38.154 | ng | 100 |
| 69) Atrazine | 16.662 | 200 | 291525 | 39.053 | ng | 100 |
| 70) Pentachlorophenol | 16.839 | 266 | 307226 | 39.259 | ng | 100 |
| 71) Phenanthrene | 17.233 | 178 | 1818450 | 38.549 | ng | 100 |
| 72) Anthracene | 17.321 | 178 | 1856979 | 38.821 | ng | 100 |
| 73) Carbazole | 17.604 | 167 | 1656984 | 38.932 | ng | 100 |
| 74) Di-n-butylphthalate | 18.162 | 149 | 2080883 | 38.918 | ng | 100 |
| 75) Fluoranthene | 19.256 | 202 | 2133819 | 37.994 | ng | 100 |
| 77) Benzidine | 19.462 | 184 | 353851 | 42.451 | ng | 100 |
| 78) Pyrene | 19.621 | 202 | 2165091 | 41.631 | ng | 100 |
| 80) Butylbenzylphthalate | 20.527 | 149 | 852791 | 40.940 | ng | 100 |
| 81) Benzo(a)anthracene | 21.380 | 228 | 1912382 | 38.510 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.321 | 252 | 628119 | 39.108 | ng | 100 |
| 83) Chrysene | 21.433 | 228 | 1797128 | 38.072 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.297 | 149 | 1159691 | 39.188 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.215 | 149 | 1781991 | 36.827 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.197 | 276 | 1707487 | 37.978 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.039 | 252 | 1629068 | 39.592 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.086 | 252 | 1583253 | 38.065 | ng | 100 |
| 90) Benzo(a)pyrene | 23.650 | 252 | 1506918 | 38.451 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.203 | 278 | 1425565 | 37.701 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.944 | 276 | 1412073 | 38.630 | ng | 100 |

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

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