Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
Data File : BG060975.D
Acq On : 20 Apr 2024 19:41
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

Quant Time: Apr 22 04:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:10:09 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.943 | 152 | 20618 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.740 | 136 | 82022 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.570 | 164 | 72860 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.320 | 188 | 190054 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.580 | 240 | 189201 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.700 | 264 | 221856 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.528 | 112 | 79000 | 77.504 | ng | 0.00 |
| 7) Phenol-d6 | 7.109 | 99 | 120973 | 79.989 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.095 | 82 | 138496 | 75.864 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.063 | 330 | 122075 | 76.299 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.196 | 172 | 405065 | 76.944 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.941 | 244 | 925313 | 75.914 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.448 | 88 | 13923 | 39.468 | ng | 100 |
| 3) Pyridine | 3.836 | 79 | 42344 | 38.832 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.754 | 42 | 38880 | 39.644 | ng | 100 |
| 6) Aniline | 7.267 | 93 | 71868 | 39.539 | ng | 100 |
| 8) 2-Chlorophenol | 7.508 | 128 | 48574 | 38.246 | ng | 100 |
| 9) Benzaldehyde | 7.085 | 77 | 29092 | 37.397 | ng | 100 |
| 10) Phenol | 7.132 | 94 | 59648 | 39.697 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.361 | 93 | 41519 | 38.621 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.831 | 146 | 54235 | 38.508 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.978 | 146 | 56247 | 38.771 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.295 | 146 | 55340 | 39.032 | ng | 100 |
| 15) Benzyl Alcohol | 8.178 | 79 | 55538 | 38.894 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.472 | 45 | 91243 | 38.981 | ng | 100 |
| 17) 2-Methylphenol | 8.384 | 107 | 48422 | 39.911 | ng | 100 |
| 18) Hexachloroethane | 9.024 | 117 | 20850 | 39.886 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.742 | 70 | 43282 | 38.402 | ng | 100 |
| 20) 3+4-Methylphenols | 8.707 | 107 | 65500 | 38.603 | ng | 100 |
| 22) Acetophenone | 8.760 | 105 | 85413 | 37.293 | ng | 100 |
| 24) Nitrobenzene | 9.136 | 77 | 66768 | 38.061 | ng | 100 |
| 25) Isophorone | 9.664 | 82 | 115516 | 37.810 | ng | 100 |
| 26) 2-Nitrophenol | 9.847 | 139 | 31552 | 38.270 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.911 | 122 | 48515 | 36.712 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93 | 58976 | 36.695 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.387 | 162 | 57443 | 37.663 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.599 | 180 | 63327 | 37.631 | ng | 100 |
| 31) Naphthalene | 10.787 | 128 | 167849 | 37.379 | ng | 100 |
| 32) Benzoic acid | 10.046 | 122 | 39833 | 39.587 | ng | 100 |
| 33) 4-Chloroaniline | 10.887 | 127 | 76925 | 37.711 | ng | 100 |
| 34) Hexachlorobutadiene | 11.075 | 225 | 55464 | 37.477 | ng | 100 |
| 35) Caprolactam | 11.650 | 113 | 19492 | 40.124 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.020 | 107 | 67185 | 37.769 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.397 | 142 | 135019 | 38.242 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.614 | 142 | 127344 | 38.651 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.761 | 216 | 101120 | 39.054 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.749 | 237 | 60088 | 39.440 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.002 | 196 | 65079 | 38.236 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.072 | 196 | 76369 | 37.931 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.407 | 154 | 189175 | 38.546 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.448 | 162 | 143782 | 38.210 | ng | 100 |
| 48) 2-Nitroaniline | 13.642 | 65 | 57311 | 37.737 | ng | 100 |
| 49) Acenaphthylene | 14.294 | 152 | 246099 | 38.833 | ng | 100 |
| 50) Dimethylphthalate | 14.030 | 163 | 229143 | 38.139 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.142 | 165 | 48474 | 38.667 | ng | 100 |
| 52) Acenaphthene | 14.635 | 154 | 152021 | 39.478 | ng | 100 |
| 53) 3-Nitroaniline | 14.471 | 138 | 45874 | 37.111 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.676 | 184 | 27723 | 37.148 | ng | 100 |
| 55) Dibenzofuran | 14.970 | 168 | 254416 | 38.260 | ng | 100 |
| 56) 4-Nitrophenol | 14.782 | 139 | 35145 | 39.685 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.929 | 165 | 70073 | 38.810 | ng | 100 |
| 58) Fluorene | 15.616 | 166 | 211141 | 37.619 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.193 | 232 | 77625 | 38.125 | ng | 100 |
| 60) Diethylphthalate | 15.393 | 149 | 223961 | 37.851 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.616 | 204 | 130949 | 37.830 | ng | 100 |
| 62) 4-Nitroaniline | 15.634 | 138 | 50669 | 38.014 | ng | 100 |
| 63) Azobenzene | 15.910 | 77 | 180829 | 37.574 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.693 | 198 | 46387 | 39.528 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.828 | 169 | 199844 | 38.167 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.509 | 248 | 94890 | 37.831 | ng | 100 |
| 68) Hexachlorobenzene | 16.627 | 284 | 107014 | 38.626 | ng | 100 |
| 69) Atrazine | 16.780 | 200 | 77115 | 39.350 | ng | 100 |
| 70) Pentachlorophenol | 16.968 | 266 | 72774 | 40.058 | ng | 100 |
| 71) Phenanthrene | 17.361 | 178 | 366609 | 37.791 | ng | 100 |
| 72) Anthracene | 17.449 | 178 | 382135 | 38.247 | ng | 100 |
| 73) Carbazole | 17.720 | 167 | 315624 | 38.038 | ng | 100 |
| 74) Di-n-butylphthalate | 18.290 | 149 | 382433 | 37.962 | ng | 100 |
| 75) Fluoranthene | 19.371 | 202 | 487219 | 37.844 | ng | 100 |
| 77) Benzidine | 19.553 | 184 | 150880 | 43.039 | ng | 100 |
| 78) Pyrene | 19.735 | 202 | 489843 | 38.024 | ng | 100 |
| 80) Butylbenzylphthalate | 20.634 | 149 | 163883 | 38.167 | ng | 100 |
| 81) Benzo(a)anthracene | 21.562 | 228 | 505091 | 37.971 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.480 | 252 | 183446 | 38.160 | ng | 100 |
| 83) Chrysene | 21.621 | 228 | 478813 | 37.807 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.486 | 149 | 235210 | 37.677 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.673 | 149 | 393022 | 37.920 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.243 | 276 | 595413 | 38.780 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.719 | 252 | 484591 | 38.544 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.783 | 252 | 485296 | 38.203 | ng | 100 |
| 90) Benzo(a)pyrene | 24.559 | 252 | 467229 | 38.394 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.313 | 278 | 497648 | 39.578 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.353 | 276 | 478816 | 38.405 | ng | 100 |

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

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