Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054939.D
Acq On : 14 Sep 2022 10:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 03:17:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
09/15/2022
Supervised By :Jagrut Upadhyay
09/15/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.135 | 152 | 36423 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.961 | 136 | 140238 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 94240 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.524 | 188 | 214821 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.819 | 240 | 212006 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.185 | 264 | 232969 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.673 | 112 | 173969 | 83.173 | ng | | 0.00 |
| 7) Phenol-d6 | 7.289 | 99 | 236866 | 82.806 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.310 | 82 | 220012 | 82.359 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.261 | 330 | 109734 | 93.185 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.393 | 172 | 560455 | 89.386 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.121 | 244 | 903749 | 84.464 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.511 | 88 | 37994 | 38.040 | ng | | 89 |
| 3) Pyridine | 3.922 | 79 | 106170 | 38.111 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.840 | 42 | 39302 | 32.636 | ng | | 82 |
| 6) Aniline | 7.453 | 93 | 138708 | 40.813 | ng | | 94 |
| 8) 2-Chlorophenol | 7.694 | 128 | 96986 | 42.440 | ng | | 96 |
| 9) Benzaldehyde | 7.265 | 77 | 68458 | 36.515 | ng | | 93 |
| 10) Phenol | 7.318 | 94 | 123000 | 41.812 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.541 | 93 | 93651 | 39.584 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.017 | 146 | 111946 | 42.331 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.170 | 146 | 113683 | 42.618 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.493 | 146 | 108568 | 42.923 | ng | | 97 |
| 15) Benzyl Alcohol | 8.376 | 79 | 81143 | 39.265 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.658 | 45 | 118257 | 31.944 | ng | | 93 |
| 17) 2-Methylphenol | 8.575 | 107 | 86168 | 42.544 | ng | | 95 |
| 18) Hexachloroethane | 9.222 | 117 | 39782 | 41.127 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.940 | 70 | 74966 | 38.111 | ng | # | 90 |
| 20) 3+4-Methylphenols | 8.910 | 107 | 120389 | 42.865 | ng | | 96 |
| 22) Acetophenone | 8.963 | 105 | 150426 | 42.875 | ng | # | 94 |
| 24) Nitrobenzene | 9.351 | 77 | 106941 | 39.717 | ng | | 92 |
| 25) Isophorone | 9.874 | 82 | 202717 | 40.698 | ng | | 96 |
| 26) 2-Nitrophenol | 10.068 | 139 | 58760 | 49.404 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.121 | 122 | 82461 | 43.758 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.350 | 93 | 116536 | 41.058 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.608 | 162 | 99222 | 46.291 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.820 | 180 | 111661 | 45.586 | ng | | 98 |
| 31) Naphthalene | 11.014 | 128 | 327066 | 43.469 | ng | | 100 |
| 32) Benzoic acid | 10.338 | 122 | 15072m | 17.185 | ng | | |
| 33) 4-Chloroaniline | 11.120 | 127 | 131498 | 42.869 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.278 | 225 | 75298 | 47.979 | ng | | 98 |
| 35) Caprolactam | 11.901 | 113 | 32453 | 42.916 | ng | # | 76 |
| 36) 4-Chloro-3-methylphenol | 12.236 | 107 | 102311 | 43.650 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.612 | 142 | 233569 | 44.291 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.829 | 142 | 225530 | 43.957 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.970 | 216 | 134172 | 47.230 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.947 | 237 | 62868 | 41.729 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.211 | 196 | 78382 | 41.569 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.294 | 196 | 88163 | 41.634 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.605 | 154 | 303225 | 43.328 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.658 | 162 | 230177 | 43.308 | ng | | 98 |
| 48) 2-Nitroaniline | 13.858 | 65 | 66296 | 39.801 | ng | | 89 |
| 49) Acenaphthylene | 14.498 | 152 | 380906 | 43.430 | ng | | 100 |
| 50) Dimethylphthalate | 14.222 | 163 | 314546 | 43.324 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.345 | 165 | 66903 | 45.052 | ng | # | 83 |
| 52) Acenaphthene | 14.839 | 154 | 241649m | 42.893 | ng | | |
| 53) 3-Nitroaniline | 14.686 | 138 | 72037 | 43.333 | ng | | 88 |
| 54) 2,4-Dinitrophenol | 14.898 | 184 | 27187 | 36.422 | ng | | 94 |
| 55) Dibenzofuran | 15.174 | 168 | 364427 | 44.021 | ng | | 97 |
| 56) 4-Nitrophenol | 14.997 | 139 | 46042 | 35.789 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 15.138 | 165 | 94996 | 46.248 | ng | # | 80 |
| 58) Fluorene | 15.820 | 166 | 303751 | 43.555 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.397 | 232 | 72465 | 37.962 | ng | | 97 |
| 60) Diethylphthalate | 15.573 | 149 | 300544 | 41.455 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 154108 | 44.794 | ng | | 97 |
| 62) 4-Nitroaniline | 15.843 | 138 | 74793 | 44.066 | ng | | 93 |
| 63) Azobenzene | 16.096 | 77 | 255677 | 37.108 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.902 | 198 | 48932 | 44.748 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 16.020 | 169 | 265476 | 42.853 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.701 | 248 | 110266 | 46.751 | ng | | 96 |
| 68) Hexachlorobenzene | 16.825 | 284 | 125982 | 47.515 | ng | # | 92 |
| 69) Atrazine | 16.960 | 200 | 95767 | 43.818 | ng | | 99 |
| 70) Pentachlorophenol | 17.171 | 266 | 51943m | 36.056 | ng | | |
| 71) Phenanthrene | 17.565 | 178 | 491402 | 42.941 | ng | | 99 |
| 72) Anthracene | 17.659 | 178 | 483868 | 43.490 | ng | | 99 |
| 73) Carbazole | 17.929 | 167 | 435690 | 42.503 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.464 | 149 | 531099 | 40.944 | ng | | 99 |
| 75) Fluoranthene | 19.569 | 202 | 605498 | 43.495 | ng | | 98 |
| 77) Benzidine | 19.745 | 184 | 190459 | 36.270 | ng | | 99 |
| 78) Pyrene | 19.933 | 202 | 614784 | 41.587 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.802 | 149 | 243147 | 39.432 | ng | | 91 |
| 81) Benzo(a)anthracene | 21.795 | 228 | 613766 | 42.698 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.701 | 252 | 226653 | 44.972 | ng | | 99 |
| 83) Chrysene | 21.866 | 228 | 582955 | 42.415 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.666 | 149 | 352277 | 39.653 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.923 | 149 | 596356 | 39.583 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 29.087 | 276 | 761901 | 43.079 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 24.110 | 252 | 616567 | 42.189 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.181 | 252 | 624374 | 42.452 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.033 | 252 | 530784 | 42.511 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.145 | 278 | 627521 | 43.551 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.309 | 276 | 624523 | 42.904 | ng | # | 96 |

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

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