Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055404.D
Acq On : 1 Nov 2022 22:41
Operator : CG/JU
Sample : PB148503BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 02 05:41:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PB148503BS

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.241 | 152 | 24006 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.073 | 136 | 117748 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.863 | 164 | 88693 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.595 | 188 | 209208 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.866 | 240 | 201689 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.239 | 264 | 217261 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.767 | 112 | 222366 | 166.348 | ng | | 0.00 |
| 7) Phenol-d6 | 7.395 | 99 | 304391 | 164.204 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.422 | 82 | 180546 | 81.718 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.343 | 330 | 172589 | 142.660 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.488 | 172 | 490397 | 81.978 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.168 | 244 | 916770 | 88.388 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.564 | 88 | 19483 | 32.134 | ng | | 96 |
| 3) Pyridine | 3.987 | 79 | 55020 | 30.577 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.899 | 42 | 29695 | 41.774 | ng | | 99 |
| 6) Aniline | 7.559 | 93 | 110113 | 45.798 | ng | | 97 |
| 8) 2-Chlorophenol | 7.806 | 128 | 84581 | 52.077 | ng | | 99 |
| 9) Benzaldehyde | 7.371 | 77 | 37631 | 34.529 | ng | | 98 |
| 10) Phenol | 7.418 | 94 | 111203 | 53.000 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.648 | 93 | 73078 | 46.554 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.129 | 146 | 81835 | 44.453 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.276 | 146 | 83228 | 44.388 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.599 | 146 | 82644 | 46.049 | ng | | 98 |
| 15) Benzyl Alcohol | 8.482 | 79 | 75859m | 51.309 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.770 | 45 | 96928 | 46.410 | ng | | 98 |
| 17) 2-Methylphenol | 8.682 | 107 | 79573 | 52.709 | ng | | 98 |
| 18) Hexachloroethane | 9.340 | 117 | 28489 | 44.540 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 9.046 | 70 | 67874 | 46.858 | ng | | 99 |
| 20) 3+4-Methylphenols | 9.017 | 107 | 109589 | 51.090 | ng | | 98 |
| 22) Acetophenone | 9.075 | 105 | 131696 | 42.671 | ng | # | 99 |
| 24) Nitrobenzene | 9.463 | 77 | 95557 | 41.484 | ng | | 97 |
| 25) Isophorone | 9.980 | 82 | 191864 | 43.849 | ng | | 100 |
| 26) 2-Nitrophenol | 10.180 | 139 | 51724 | 43.609 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 10.227 | 122 | 88133 | 52.994 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.456 | 93 | 110442 | 47.388 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.720 | 162 | 93995 | 46.333 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.932 | 180 | 88686 | 40.370 | ng | | 99 |
| 31) Naphthalene | 11.126 | 128 | 270617 | 40.820 | ng | | 99 |
| 32) Benzoic acid | 10.391 | 122 | 39466 | 40.907 | ng | | 95 |
| 33) 4-Chloroaniline | 11.226 | 127 | 102612 | 37.250 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.396 | 225 | 53770 | 39.377 | ng | | 97 |
| 35) Caprolactam | 12.001 | 113 | 34700m | 46.197 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.336 | 107 | 105600 | 47.540 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.712 | 142 | 206152 | 42.334 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.924 | 142 | 198488 | 41.790 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 13.071 | 216 | 111551 | 42.577 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.047 | 237 | 122814 | 96.746 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.306 | 196 | 80796 | 44.284 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.388 | 196 | 89994 | 44.283 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.699 | 154 | 288093 | 44.143 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.746 | 162 | 220908 | 42.125 | ng | 99 |
| 48) 2-Nitroaniline | 13.946 | 65 | 70418 | 43.718 | ng | 98 |
| 49) Acenaphthylene | 14.586 | 152 | 368452 | 42.789 | ng | 99 |
| 50) Dimethylphthalate | 14.304 | 163 | 315766 | 42.652 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.428 | 165 | 68439 | 44.157 | ng | 97 |
| 52) Acenaphthene | 14.921 | 154 | 217916 | 42.522 | ng | 99 |
| 53) 3-Nitroaniline | 14.763 | 138 | 62445 | 35.847 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.974 | 184 | 79454 | 84.505 | ng | 96 |
| 55) Dibenzofuran | 15.256 | 168 | 365769 | 43.119 | ng | 99 |
| 56) 4-Nitrophenol | 15.074 | 139 | 113945 | 95.398 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 15.215 | 165 | 99891 | 45.074 | ng | 98 |
| 58) Fluorene | 15.903 | 166 | 292854 | 42.498 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.480 | 232 | 80640 | 44.130 | ng | 98 |
| 60) Diethylphthalate | 15.650 | 149 | 327951 | 42.626 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.879 | 204 | 156846 | 44.025 | ng | 97 |
| 62) 4-Nitroaniline | 15.926 | 138 | 77542 | 42.074 | ng | 99 |
| 63) Azobenzene | 16.173 | 77 | 272579 | 42.621 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.979 | 198 | 57804 | 42.894 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 16.096 | 169 | 270500 | 43.489 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.772 | 248 | 107125 | 43.317 | ng | 99 |
| 68) Hexachlorobenzene | 16.901 | 284 | 122644 | 43.487 | ng | 96 |
| 69) Atrazine | 17.031 | 200 | 111196 | 53.250 | ng | 98 |
| 70) Pentachlorophenol | 17.248 | 266 | 117956 | 80.661 | ng | 97 |
| 71) Phenanthrene | 17.636 | 178 | 498114 | 42.329 | ng | 100 |
| 72) Anthracene | 17.730 | 178 | 510277 | 44.240 | ng | 99 |
| 73) Carbazole | 17.994 | 167 | 477158 | 44.464 | ng | 100 |
| 74) Di-n-butylphthalate | 18.517 | 149 | 578173 | 43.138 | ng | 99 |
| 75) Fluoranthene | 19.628 | 202 | 602941 | 42.596 | ng | 99 |
| 77) Benzidine | 19.792 | 184 | 306732 | 73.048 | ng | 99 |
| 78) Pyrene | 19.986 | 202 | 603233 | 42.397 | ng | 99 |
| 80) Butylbenzylphthalate | 20.844 | 149 | 256707 | 43.275 | ng | 97 |
| 81) Benzo(a)anthracene | 21.849 | 228 | 586368 | 42.352 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.749 | 252 | 197891 | 41.681 | ng | 97 |
| 83) Chrysene | 21.919 | 228 | 553567 | 41.909 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.708 | 149 | 376157 | 43.623 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.965 | 149 | 640611 | 43.359 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 29.140 | 276 | 749013 | 42.939 | ng | 100 |
| 88) Benzo(b)fluoranthene | 24.163 | 252 | 640130 | 46.385 | ng | 99 |
| 89) Benzo(k)fluoranthene | 24.234 | 252 | 623742 | 44.976 | ng | 99 |
| 90) Benzo(a)pyrene | 25.086 | 252 | 569759 | 47.747 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 29.199 | 278 | 651760 | 45.288 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 30.362 | 276 | 641811 | 44.841 | ng | 98 |

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

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