Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
Data File : BG058736.D
Acq On : 15 Aug 2023 17:45
Operator : MA/JU
Sample : 04014-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
NEVINS-SB06-Z102-104MSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 04:51:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.811 | 152 | 38147 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.614 | 136 | 168517 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.456 | 164 | 120847 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.206 | 188 | 279249 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.448 | 240 | 228444 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.515 | 264 | 286489 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.385 | 112 | 253977 | 101.762 | ng | 0.00 |
| 7) Phenol-d6 | 6.989 | 99 | 357526 | 102.949 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.974 | 82 | 216430 | 63.093 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.954 | 330 | 177749 | 89.737 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.076 | 172 | 497946 | 61.749 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.826 | 244 | 831342 | 68.435 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.263 | 88 | 39623 | 32.763 | ng | # 92 |
| 3) Pyridine | 3.657 | 79 | 96871 | 29.380 | ng | # 81 |
| 4) n-Nitrosodimethylamine | 3.581 | 42 | 61892 | 44.302 | ng | # 85 |
| 6) Aniline | 7.135 | 93 | 129479 | 30.282 | ng | 95 |
| 8) 2-Chlorophenol | 7.376 | 128 | 116928 | 47.756 | ng | 98 |
| 9) Benzaldehyde | 6.947 | 77 | 54979 | 29.139 | ng | 97 |
| 10) Phenol | 7.012 | 94 | 158854 | 46.826 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.235 | 93 | 108415 | 40.537 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 7.699 | 146 | 113182 | 43.291 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.846 | 146 | 115951 | 44.169 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.164 | 146 | 113238 | 45.117 | ng | 100 |
| 15) Benzyl Alcohol | 8.052 | 79 | 117248 | 53.237 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340 | 45 | 226815 | 52.209 | ng | 94 |
| 17) 2-Methylphenol | 8.258 | 107 | 107832 | 43.472 | ng | 99 |
| 18) Hexachloroethane | 8.886 | 117 | 41722 | 43.726 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.616 | 70 | 93085 | 41.496 | ng | 95 |
| 20) 3+4-Methylphenols | 8.587 | 107 | 149231 | 44.477 | ng | 98 |
| 22) Acetophenone | 8.634 | 105 | 184913 | 40.980 | ng | 95 |
| 24) Nitrobenzene | 9.021 | 77 | 140080 | 40.167 | ng | 98 |
| 25) Isophorone | 9.538 | 82 | 269042 | 37.959 | ng | 99 |
| 26) 2-Nitrophenol | 9.726 | 139 | 63403 | 41.766 | ng | 95 |
| 27) 2,4-Dimethylphenol | 9.791 | 122 | 104740 | 41.596 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.020 | 93 | 154855 | 40.147 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.267 | 162 | 118711 | 45.405 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.479 | 180 | 128451 | 42.602 | ng | 99 |
| 31) Naphthalene | 10.661 | 128 | 360463 | 40.584 | ng | 99 |
| 32) Benzoic acid | 9.967 | 122 | 69572 | 37.314 | ng | 98 |
| 33) 4-Chloroaniline | 10.778 | 127 | 89637 | 23.887 | ng | 99 |
| 34) Hexachlorobutadiene | 10.943 | 225 | 80767 | 41.595 | ng | 98 |
| 35) Caprolactam | 11.566 | 113 | 39603m | 41.020 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.912 | 107 | 138801 | 42.917 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.276 | 142 | 253373 | 39.880 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.494 | 142 | 245400 | 40.634 | ng | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 12.647 | 216 | 151373 | 40.800 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.623 | 237 | 104343 | 62.207 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.893 | 196 | 108128 | 42.372 | ng | 94 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.970 | 196 | 113971 | 37.918 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.287 | 154 | 338507 | 40.788 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.334 | 162 | 270340 | 41.778 | ng | | 98 |
| 48) 2-Nitroaniline | 13.546 | 65 | 105204 | 42.595 | ng | | 99 |
| 49) Acenaphthylene | 14.180 | 152 | 453180 | 41.830 | ng | | 99 |
| 50) Dimethylphthalate | 13.916 | 163 | 355196 | 39.136 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.045 | 165 | 81706 | 41.029 | ng | | 97 |
| 52) Acenaphthene | 14.521 | 154 | 255626 | 40.835 | ng | | 99 |
| 53) 3-Nitroaniline | 14.374 | 138 | 59592 | 29.910 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.591 | 184 | 73416 | 66.764 | ng | | 95 |
| 55) Dibenzofuran | 14.862 | 168 | 432607 | 40.218 | ng | | 100 |
| 56) 4-Nitrophenol | 14.697 | 139 | 115499 | 78.306 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 14.838 | 165 | 114206 | 41.366 | ng | | 99 |
| 58) Fluorene | 15.508 | 166 | 346023 | 40.493 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232 | 104176 | 40.617 | ng | | 100 |
| 60) Diethylphthalate | 15.279 | 149 | 364403 | 39.412 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.496 | 204 | 189189 | 39.712 | ng | | 97 |
| 62) 4-Nitroaniline | 15.543 | 138 | 77024 | 40.810 | ng | | 95 |
| 63) Azobenzene | 15.790 | 77 | 348935 | 38.315 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.602 | 198 | 62372 | 40.508 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.719 | 169 | 301883 | 41.535 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248 | 128951 | 40.713 | ng | | 97 |
| 68) Hexachlorobenzene | 16.513 | 284 | 141392 | 42.128 | ng | | 98 |
| 69) Atrazine | 16.665 | 200 | 121190 | 49.394 | ng | | 97 |
| 70) Pentachlorophenol | 16.859 | 266 | 133428 | 65.681 | ng | | 98 |
| 71) Phenanthrene | 17.247 | 178 | 566539 | 42.780 | ng | | 98 |
| 72) Anthracene | 17.341 | 178 | 555586 | 40.886 | ng | | 99 |
| 73) Carbazole | 17.611 | 167 | 505684 | 42.201 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.164 | 149 | 621844 | 41.431 | ng | | 99 |
| 75) Fluoranthene | 19.262 | 202 | 642710 | 40.402 | ng | | 98 |
| 77) Benzidine | 19.450 | 184 | 252732 | 72.957 | ng | | 99 |
| 78) Pyrene | 19.627 | 202 | 666297 | 42.857 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.514 | 149 | 275896 | 43.203 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.430 | 228 | 650054 | 41.349 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.354 | 252 | 186925 | 35.166 | ng | | 99 |
| 83) Chrysene | 21.495 | 228 | 608537 | 40.372 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.331 | 149 | 396213 | 42.457 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.482 | 149 | 695770 | 42.407 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.023 | 276 | 789913 | 41.445 | ng | # | 80 |
| 88) Benzo(b)fluoranthene | 23.546 | 252 | 688091 | 44.283 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.610 | 252 | 644975 | 41.318 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.380 | 252 | 608962 | 39.906 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.076 | 278 | 637021 | 40.422 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.121 | 276 | 625899 | 39.607 | ng | | 99 |

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

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