Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
Data File : BG059918.D
Acq On : 30 Nov 2023 20:38
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 03:30:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 03:17:30 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.967 | 152 | 30637 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.769 | 136 | 144988 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.606 | 164 | 102868 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.350 | 188 | 234541 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.627 | 240 | 216389 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.829 | 264 | 258997 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.528 | 112 | 187930 | 96.084 | ng | | 0.00 |
| 7) Phenol-d6 | 7.115 | 99 | 273565 | 96.898 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.130 | 82 | 254752 | 102.186 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.092 | 330 | 153018 | 96.926 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.231 | 172 | 711190 | 96.163 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.976 | 244 | 1195422 | 91.863 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.442 | 88 | 24699m | 40.499 | ng | | |
| 3) Pyridine | 3.830 | 79 | 71238m | 45.329 | ng | | |
| 4) n-Nitrosodimethylamine | 3.748 | 42 | 42114 | 46.859 | ng | # | 97 |
| 6) Aniline | 7.291 | 93 | 146571 | 48.456 | ng | | 99 |
| 8) 2-Chlorophenol | 7.526 | 128 | 104427 | 47.398 | ng | | 92 |
| 9) Benzaldehyde | 7.097 | 77 | 72328 | 40.396 | ng | | 95 |
| 10) Phenol | 7.144 | 94 | 141279 | 47.801 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.385 | 93 | 110890 | 48.665 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.855 | 146 | 116074 | 48.097 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.002 | 146 | 118699 | 47.729 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.319 | 146 | 115310 | 47.059 | ng | | 98 |
| 15) Benzyl Alcohol | 8.196 | 79 | 105662 | 48.417 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.495 | 45 | 207374 | 47.760 | ng | | 97 |
| 17) 2-Methylphenol | 8.396 | 107 | 98537 | 48.154 | ng | | 97 |
| 18) Hexachloroethane | 9.054 | 117 | 42073 | 47.091 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.772 | 70 | 96611 | 48.426 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.730 | 107 | 139086 | 48.249 | ng | | 96 |
| 22) Acetophenone | 8.789 | 105 | 191696 | 47.758 | ng | | 99 |
| 24) Nitrobenzene | 9.171 | 77 | 137695 | 50.714 | ng | | 97 |
| 25) Isophorone | 9.694 | 82 | 285904 | 47.553 | ng | | 99 |
| 26) 2-Nitrophenol | 9.876 | 139 | 50257 | 57.082 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.935 | 122 | 82741 | 47.462 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.176 | 93 | 161615 | 47.482 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.411 | 162 | 114809 | 48.242 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.628 | 180 | 132059 | 47.594 | ng | | 96 |
| 31) Naphthalene | 10.822 | 128 | 389793 | 47.656 | ng | | 98 |
| 32) Benzoic acid | 10.064 | 122 | 77996 | 47.316 | ng | | 97 |
| 33) 4-Chloroaniline | 10.922 | 127 | 159915 | 48.269 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.110 | 225 | 88761 | 47.686 | ng | | 97 |
| 35) Caprolactam | 11.703 | 113 | 39306 | 46.480 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 12.044 | 107 | 136244 | 48.026 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.426 | 142 | 272896 | 47.135 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.649 | 142 | 272253 | 46.474 | ng | | 94 |
| 40) 1,2,4,5-Tetrachloroben... | 12.796 | 216 | 159273 | 49.688 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.779 | 237 | 63306 | 51.842 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.031 | 196 | 103780 | 49.898 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.102 | 196 | 117225 | 49.729 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.443 | 154 | 368961 | 47.818 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.478 | 162 | 310529 | 48.672 | ng | 98 |
| 48) 2-Nitroaniline | 13.678 | 65 | 91398 | 54.265 | ng | 99 |
| 49) Acenaphthylene | 14.324 | 152 | 468904 | 47.848 | ng | 98 |
| 50) Dimethylphthalate | 14.059 | 163 | 393863 | 47.722 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.177 | 165 | 76472 | 48.846 | ng | 97 |
| 52) Acenaphthene | 14.671 | 154 | 293253 | 48.170 | ng | 99 |
| 53) 3-Nitroaniline | 14.506 | 138 | 75789 | 52.598 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.706 | 184 | 29566 | 47.373 | ng | 98 |
| 55) Dibenzofuran | 15.000 | 168 | 446218 | 47.100 | ng | 100 |
| 56) 4-Nitrophenol | 14.800 | 139 | 61619 | 52.584 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.958 | 165 | 98988 | 47.623 | ng | 98 |
| 58) Fluorene | 15.652 | 166 | 353823 | 46.061 | ng | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.223 | 232 | 103112 | 48.123 | ng | 98 |
| 60) Diethylphthalate | 15.428 | 149 | 382766 | 45.988 | ng | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.646 | 204 | 195557 | 47.191 | ng | 98 |
| 62) 4-Nitroaniline | 15.669 | 138 | 76327 | 49.490 | ng | 95 |
| 63) Azobenzene | 15.940 | 77 | 367468 | 46.968 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 198 | 45136 | 46.975 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.863 | 169 | 309383 | 48.964 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248 | 136667 | 48.787 | ng | 96 |
| 68) Hexachlorobenzene | 16.651 | 284 | 161220 | 48.379 | ng | 99 |
| 69) Atrazine | 16.809 | 200 | 106120 | 45.804 | ng | 97 |
| 70) Pentachlorophenol | 16.997 | 266 | 98148 | 52.067 | ng | 97 |
| 71) Phenanthrene | 17.397 | 178 | 559929 | 47.057 | ng | 99 |
| 72) Anthracene | 17.485 | 178 | 567723 | 47.299 | ng | 100 |
| 73) Carbazole | 17.755 | 167 | 520380 | 46.760 | ng | 99 |
| 74) Di-n-butylphthalate | 18.325 | 149 | 634279 | 46.795 | ng | 99 |
| 75) Fluoranthene | 19.406 | 202 | 707272 | 46.698 | ng | 99 |
| 77) Benzidine | 19.588 | 184 | 248752 | 57.269 | ng | 98 |
| 78) Pyrene | 19.770 | 202 | 729289 | 47.251 | ng | 99 |
| 80) Butylbenzylphthalate | 20.669 | 149 | 265373 | 48.556 | ng | 96 |
| 81) Benzo(a)anthracene | 21.609 | 228 | 713514 | 47.287 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.527 | 252 | 235008 | 47.806 | ng | 98 |
| 83) Chrysene | 21.674 | 228 | 685632 | 47.912 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.533 | 149 | 391109 | 48.243 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.749 | 149 | 683599 | 49.118 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.484 | 276 | 938100 | 48.401 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.813 | 252 | 782460 | 48.325 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.883 | 252 | 753114 | 47.546 | ng | 98 |
| 90) Benzo(a)pyrene | 24.676 | 252 | 694604 | 48.262 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 28.560 | 278 | 790631 | 48.923 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 29.629 | 276 | 779923 | 48.330 | ng | 99 |

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

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