Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050628.D
Acq On : 19 Oct 2021 9:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 11:42:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

mohammad

10/20/2021 1:53:49 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.250 | 152 | 40965 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.076 | 136 | 170340 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.871 | 164 | 110744 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.615 | 188 | 252150 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.916 | 240 | 234046 | 20.00 | ng | # | 0.00 |
| 86) Perylene-d12 | 25.330 | 264 | 240579 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.788 | 112 | 212719 | 77.66 | ng | | 0.00 |
| 7) Phenol-d6 | 7.392 | 99 | 309194 | 77.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.425 | 82 | 309072 | 75.11 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.358 | 330 | 81070 | 76.75 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.496 | 172 | 550738 | 74.85 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.206 | 244 | 915915 | 76.27 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.655 | 88 | 52085 | 36.71 | ng | | 91 |
| 3) Pyridine | 4.066 | 79 | 147327 | 38.02 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.978 | 42 | 71725 | 39.27 | ng | # | 52 |
| 6) Aniline | 7.574 | 93 | 175385 | 38.06 | ng | # | 93 |
| 8) 2-Chlorophenol | 7.815 | 128 | 104913 | 39.78 | ng | | 86 |
| 9) Benzaldehyde | 7.386 | 77 | 102654 | 41.21 | ng | | 88 |
| 10) Phenol | 7.421 | 94 | 149838 | 38.86 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 7.662 | 93 | 114212 | 37.95 | ng | | 83 |
| 12) 1,3-Dichlorobenzene | 8.144 | 146 | 115841 | 38.05 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.291 | 146 | 117679 | 38.34 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.614 | 146 | 111055 | 37.88 | ng | | 95 |
| 15) Benzyl Alcohol | 8.485 | 79 | 121985 | 38.92 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.773 | 45 | 181724 | 37.02 | ng | | 86 |
| 17) 2-Methylphenol | 8.684 | 107 | 99158 | 39.08 | ng | | 94 |
| 18) Hexachloroethane | 9.348 | 117 | 44115 | 37.98 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 9.055 | 70 | 107753 | 37.28 | ng | # | 87 |
| 20) 3+4-Methylphenols | 9.013 | 107 | 139702 | 39.12 | ng | | 95 |
| 22) Acetophenone | 9.078 | 105 | 177651 | 36.68 | ng | # | 97 |
| 24) Nitrobenzene | 9.466 | 77 | 152433 | 37.26 | ng | | 95 |
| 25) Isophorone | 9.989 | 82 | 266915 | 36.57 | ng | # | 95 |
| 26) 2-Nitrophenol | 10.183 | 139 | 60407 | 40.21 | ng | # | 92 |
| 27) 2,4-Dimethylphenol | 10.224 | 122 | 97504 | 37.56 | ng | | 92 |
| 28) bis(2-Chloroethoxy)met... | 10.465 | 93 | 153313 | 36.74 | ng | | 93 |
| 29) 2,4-Dichlorophenol | 10.717 | 162 | 101317 | 38.30 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.935 | 180 | 113481 | 37.76 | ng | | 97 |
| 31) Naphthalene | 11.129 | 128 | 340535 | 37.35 | ng | | 99 |
| 32) Benzoic acid | 10.353 | 122 | 52751 | 27.38 | ng | # | 72 |
| 33) 4-Chloroaniline | 11.234 | 127 | 146237 | 38.23 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.399 | 225 | 69871 | 37.03 | ng | | 93 |
| 35) Caprolactam | 12.004 | 113 | 38560 | 38.08 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 12.327 | 107 | 124346 | 37.60 | ng | # | 89 |
| 37) 2-Methylnaphthalene | 12.715 | 142 | 233307 | 37.09 | ng | | 92 |
| 38) 1-Methylnaphthalene | 12.932 | 142 | 222968 | 36.55 | ng | | 93 |
| 40) 1,2,4,5-Tetrachloroben... | 13.073 | 216 | 123039 | 37.62 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 13.050 | 237 | 61370 | 32.47 | ng | | 92 |
| 43) 2,4,6-Trichlorophenol | 13.308 | 196 | 87906 | 38.15 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.379 | 196 | 93612 | 38.85 | ng | | 90 |
| 46) 1,1'-Biphenyl | 13.708 | 154 | 301349 | 37.31 | ng | | 92 |
| 47) 2-Chloronaphthalene | 13.755 | 162 | 238285 | 38.42 | ng | | 98 |
| 48) 2-Nitroaniline | 13.955 | 65 | 98706 | 40.00 | ng | | 94 |
| 49) Acenaphthylene | 14.601 | 152 | 382026 | 37.59 | ng | | 96 |
| 50) Dimethylphthalate | 14.313 | 163 | 318676 | 38.07 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.442 | 165 | 64783 | 38.64 | ng | | 91 |
| 52) Acenaphthene | 14.936 | 154 | 239602m | 36.69 | ng | | |
| 53) 3-Nitroaniline | 14.771 | 138 | 77812 | 39.24 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.977 | 184 | 34987 | 33.64 | ng | | 86 |
| 55) Dibenzofuran | 15.271 | 168 | 377443 | 37.37 | ng | | 97 |
| 56) 4-Nitrophenol | 15.065 | 139 | 60575 | 37.97 | ng | # | 82 |
| 57) 2,4-Dinitrotoluene | 15.224 | 165 | 93955 | 39.76 | ng | | 93 |
| 58) Fluorene | 15.917 | 166 | 288919 | 37.24 | ng | | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.488 | 232 | 78146 | 37.23 | ng | | 96 |
| 60) Diethylphthalate | 15.670 | 149 | 333214 | 37.89 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.900 | 204 | 159095 | 37.48 | ng | | 97 |
| 62) 4-Nitroaniline | 15.935 | 138 | 81735 | 39.61 | ng | # | 66 |
| 63) Azobenzene | 16.193 | 77 | 376436 | 36.97 | ng | | 83 |
| 65) 4,6-Dinitro-2-methylph... | 15.988 | 198 | 57588 | 38.02 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 16.117 | 169 | 261673 | 36.52 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.798 | 248 | 95158 | 37.45 | ng | | 97 |
| 68) Hexachlorobenzene | 16.916 | 284 | 94579 | 37.45 | ng | | 96 |
| 69) Atrazine | 17.051 | 200 | 105332 | 37.32 | ng | | 97 |
| 70) Pentachlorophenol | 17.257 | 266 | 54909 | 31.94 | ng | | 96 |
| 71) Phenanthrene | 17.662 | 178 | 487695 | 36.70 | ng | | 97 |
| 72) Anthracene | 17.750 | 178 | 491189 | 37.20 | ng | | 98 |
| 73) Carbazole | 18.015 | 167 | 500414 | 38.03 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.555 | 149 | 604055 | 39.11 | ng | # | 97 |
| 75) Fluoranthene | 19.654 | 202 | 609063 | 37.29 | ng | | 96 |
| 77) Benzidine | 19.830 | 184 | 273871 | 36.10 | ng | | 97 |
| 78) Pyrene | 20.018 | 202 | 616208 | 37.11 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.888 | 149 | 281308 | 40.05 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.898 | 228 | 599231 | 38.69 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.804 | 252 | 195347 | 38.06 | ng | # | 96 |
| 83) Chrysene | 21.969 | 228 | 554185 | 38.04 | ng | | 95 |
| 84) Bis(2-ethylhexyl)phtha... | 21.769 | 149 | 397139 | 39.79 | ng | # | 95 |
| 85) Di-n-octyl phthalate | 23.050 | 149 | 676816 | 40.66 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 29.249 | 276 | 647175 | 38.62 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 24.237 | 252 | 566067 | 38.42 | ng | # | 92 |
| 89) Benzo(k)fluoranthene | 24.307 | 252 | 567022 | 39.12 | ng | # | 97 |
| 90) Benzo(a)pyrene | 25.165 | 252 | 485364 | 38.75 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 29.319 | 278 | 529703 | 38.22 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 30.488 | 276 | 519959 | 38.30 | ng | # | 91 |

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

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