Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
Data File : BG045829.D
Acq On : 22 Jun 2020 16:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jun 22 17:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 45944 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.73 | 136 | 178641 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 128380 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.32 | 188 | 298813 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.58 | 240 | 290477 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.71 | 264 | 326819 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 240139 | 88.29 | ng | | -0.01 |
| 7) Phenol-d6 | 7.15 | 99 | 364805 | 88.18 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.08 | 82 | 338022 | 86.44 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 163456 | 84.33 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 764518 | 87.51 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.94 | 244 | 1259237 | 87.85 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 52972 | 42.524 | ng | | 100 |
| 3) Pyridine | 3.78 | 79 | 155952 | 42.248 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.69 | 42 | 57581 | 46.471 | ng | # | 89 |
| 6) Aniline | 7.25 | 93 | 206696 | 42.432 | ng | | 98 |
| 8) 2-Chlorophenol | 7.51 | 128 | 128454 | 44.123 | ng | | 93 |
| 9) Benzaldehyde | 7.05 | 77 | 103700 | 41.733 | ng | | 100 |
| 10) Phenol | 7.17 | 94 | 170900 | 42.634 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.34 | 93 | 127956 | 42.025 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.81 | 146 | 151242 | 43.594 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.95 | 146 | 154141 | 44.481 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.28 | 146 | 146061 | 44.027 | ng | | 98 |
| 15) Benzyl Alcohol | 8.18 | 79 | 145185 | 45.349 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45 | 45 | 119923 | 41.791 | ng | | 81 |
| 17) 2-Methylphenol | 8.41 | 107 | 130885 | 43.874 | ng | | 96 |
| 18) Hexachloroethane | 9.00 | 117 | 59112 | 44.913 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.73 | 70 | 117738 | 43.288 | ng | # | 95 |
| 20) 3+4-Methylphenols | 8.74 | 107 | 171530 | 43.720 | ng | # | 77 |
| 22) Acetophenone | 8.75 | 105 | 208405 | 42.504 | ng | | 98 |
| 24) Nitrobenzene | 9.13 | 77 | 177645 | 42.606 | ng | | 99 |
| 25) Isophorone | 9.65 | 82 | 323505 | 42.734 | ng | | 98 |
| 26) 2-Nitrophenol | 9.84 | 139 | 77775 | 44.774 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.93 | 122 | 114451 | 43.156 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93 | 167153 | 42.271 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.41 | 162 | 136179 | 44.012 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.59 | 180 | 161780 | 44.166 | ng | | 99 |
| 31) Naphthalene | 10.78 | 128 | 418312 | 42.831 | ng | | 99 |
| 32) Benzoic acid | 10.13 | 122 | 79033 | 46.334 | ng | | 94 |
| 33) 4-Chloroaniline | 10.90 | 127 | 176952 | 43.265 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.07 | 225 | 116856 | 44.857 | ng | | 97 |
| 35) Caprolactam | 11.67 | 113 | 45507 | 45.449 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 12.06 | 107 | 152856 | 42.787 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.39 | 142 | 315262 | 43.349 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.60 | 142 | 295142 | 42.885 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 182826 | 43.250 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.74 | 237 | 83845 | 40.548 | ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 13.02 | 196 | 119583 | 41.724 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 13.11 | 196 | 135699 | 41.542 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.40 | 154 | 390299 | 42.464 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.45 | 162 | 315489 | 42.493 | ng | | 98 |
| 48) 2-Nitroaniline | 13.66 | 65 | 105952 | 42.901 | ng | | 99 |
| 49) Acenaphthylene | 14.29 | 152 | 508586 | 42.766 | ng | | 99 |
| 50) Dimethylphthalate | 14.03 | 163 | 424947 | 42.253 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.14 | 165 | 96007 | 42.502 | ng | | 94 |
| 52) Acenaphthene | 14.63 | 154 | 306284 | 42.489 | ng | | 99 |
| 53) 3-Nitroaniline | 14.49 | 138 | 93481 | 41.432 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.70 | 184 | 48296 | 43.544 | ng | | 97 |
| 55) Dibenzofuran | 14.97 | 168 | 503063 | 42.959 | ng | | 99 |
| 56) 4-Nitrophenol | 14.87 | 139 | 59158 | 38.751 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.94 | 165 | 137605 | 42.517 | ng | # | 97 |
| 58) Fluorene | 15.62 | 166 | 415226 | 42.642 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.21 | 232 | 114385 | 40.346 | ng | | 95 |
| 60) Diethylphthalate | 15.39 | 149 | 440811 | 42.875 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204 | 239627 | 42.697 | ng | | 99 |
| 62) 4-Nitroaniline | 15.66 | 138 | 97416 | 42.069 | ng | | 91 |
| 63) Azobenzene | 15.91 | 77 | 416483 | 42.189 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198 | 84929 | 45.991 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.83 | 169 | 358179 | 42.320 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.51 | 248 | 167204 | 43.064 | ng | | 95 |
| 68) Hexachlorobenzene | 16.63 | 284 | 175549 | 43.602 | ng | | 96 |
| 69) Atrazine | 16.78 | 200 | 139511 | 42.479 | ng | | 97 |
| 70) Pentachlorophenol | 16.99 | 266 | 67069 | 38.188 | ng | | 96 |
| 71) Phenanthrene | 17.36 | 178 | 653739 | 42.420 | ng | | 99 |
| 72) Anthracene | 17.45 | 178 | 662032 | 43.140 | ng | | 99 |
| 73) Carbazole | 17.73 | 167 | 632274 | 43.270 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.29 | 149 | 758428 | 43.836 | ng | | 100 |
| 75) Fluoranthene | 19.37 | 202 | 832722 | 43.942 | ng | | 100 |
| 77) Benzidine | 19.56 | 184 | 273038 | 36.157 | ng | | 99 |
| 78) Pyrene | 19.74 | 202 | 843032 | 43.340 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.62 | 149 | 352351 | 43.277 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.56 | 228 | 820391 | 43.562 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.48 | 252 | 302481 | 42.462 | ng | | 97 |
| 83) Chrysene | 21.62 | 228 | 785352 | 43.115 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.47 | 149 | 488947 | 43.174 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.65 | 149 | 841686 | 43.087 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.27 | 276 | 1014589 | 42.822 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.72 | 252 | 874023 | 42.653 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.78 | 252 | 848489 | 43.264 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.56 | 252 | 824998 | 43.100 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.32 | 278 | 831066 | 43.741 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.36 | 276 | 818774 | 43.055 | ng | | 97 |

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

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