Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033424.D
Acq On : 29 Mar 2018 17:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/30/2018 6:04:46 PM

Quant Time: Mar 30 07:51:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.87 | 152 | 34766 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 11.75 | 136 | 155115 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.49 | 164 | 122682 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 331373 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.56 | 240 | 325707 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.33 | 264 | 364695 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.30 | 112 | 151191 | 81.55 | ng | | 0.00 |
| 7) Phenol-d6 | 7.98 | 99 | 250926 | 78.77 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 257354 | 76.23 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.96 | 330 | 157916 | 86.06 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.11 | 172 | 657503 | 77.37 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1149207 | 75.46 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.93 | 88 | 34752 | 36.909 | ng | | 88 |
| 3) Pyridine | 4.39 | 79 | 107086 | 41.142 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 4.30 | 42 | 42179 | 39.488 | ng | # | 95 |
| 6) Aniline | 8.16 | 93 | 151478 | 40.434 | ng | # | 91 |
| 8) 2-Chlorophenol | 8.41 | 128 | 83419 | 39.356 | ng | | 96 |
| 9) Benzaldehyde | 7.97 | 77 | 66213m | 32.706 | ng | | |
| 10) Phenol | 8.01 | 94 | 118902 | 37.804 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 8.25 | 93 | 94298 | 36.731 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 8.75 | 146 | 104590 | 37.743 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.91 | 146 | 104755 | 37.746 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 9.23 | 146 | 105465 | 38.936 | ng | | 99 |
| 15) Benzyl Alcohol | 9.10 | 79 | 104798 | 41.782 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.39 | 45 | 158558 | 37.886 | ng | | 87 |
| 17) 2-Methylphenol | 9.31 | 107 | 86401m | 40.325 | ng | | |
| 18) Hexachloroethane | 9.99 | 117 | 41637 | 38.872 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 9.67 | 70 | 95598 | 40.953 | ng | | 98 |
| 20) 3+4-Methylphenols | 9.65 | 107 | 124561 | 40.830 | ng | | 89 |
| 22) Acetophenone | 9.71 | 105 | 169351 | 39.851 | ng | # | 97 |
| 24) Nitrobenzene | 10.11 | 77 | 140563 | 38.897 | ng | | 91 |
| 25) Isophorone | 10.63 | 82 | 277724 | 42.384 | ng | | 99 |
| 26) 2-Nitrophenol | 10.84 | 139 | 54397 | 39.760 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 10.88 | 122 | 81067 | 40.788 | ng | | 89 |
| 28) bis(2-Chloroethoxy)methane | 11.11 | 93 | 126599 | 38.722 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 11.39 | 162 | 101978 | 41.722 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 11.60 | 180 | 121148 | 38.149 | ng | | 93 |
| 31) Naphthalene | 11.80 | 128 | 318194 | 39.586 | ng | | 98 |
| 32) Benzoic acid | 11.03 | 122 | 10051m | 5.440 | ng | | |
| 33) 4-Chloroaniline | 11.90 | 127 | 137846 | 38.277 | ng | | 93 |
| 34) Hexachlorobutadiene | 12.06 | 225 | 92501 | 38.518 | ng | | 98 |
| 35) Caprolactam | 12.64 | 113 | 45367 | 47.378 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.97 | 107 | 135383 | 42.468 | ng | | 94 |
| 37) 2-Methylnaphthalene | 13.35 | 142 | 246394 | 39.493 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.71 | 216 | 171396 | 38.569 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 13.68 | 237 | 95674 | 36.726 | ng | | 90 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.94 | 196 | 111713 | 43.268 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 14.01 | 196 | 129755 | 42.518 | ng | | 98 |
| 45) 1,1'-Biphenyl | 14.32 | 154 | 367244 | 38.963 | ng | | 98 |
| 46) 2-Chloronaphthalene | 14.38 | 162 | 277574 | 38.194 | ng | | 98 |
| 47) 2-Nitroaniline | 14.57 | 65 | 115803 | 42.542 | ng | | 92 |
| 48) Acenaphthylene | 15.22 | 152 | 478162 | 39.417 | ng | | 99 |
| 49) Dimethylphthalate | 14.91 | 163 | 447646 | 41.928 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 15.05 | 165 | 92017 | 42.150 | ng | | 94 |
| 51) Acenaphthene | 15.55 | 154 | 298649 | 38.191 | ng | | 94 |
| 52) 3-Nitroaniline | 15.38 | 138 | 92471 | 40.403 | ng | # | 96 |
| 53) 2,4-Dinitrophenol | 15.58 | 184 | 18293 | 22.278 | ng | | 93 |
| 54) Dibenzofuran | 15.88 | 168 | 457374 | 39.596 | ng | | 93 |
| 55) 4-Nitrophenol | 15.68 | 139 | 64035 | 39.789 | ng | # | 86 |
| 56) 2,4-Dinitrotoluene | 15.82 | 165 | 137280 | 42.708 | ng | | 92 |
| 57) Fluorene | 16.52 | 166 | 394590 | 40.098 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.09 | 232 | 130464m | 45.410 | ng | | |
| 59) Diethylphthalate | 16.25 | 149 | 442432 | 42.676 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 16.49 | 204 | 224380 | 39.665 | ng | | 98 |
| 61) 4-Nitroaniline | 16.53 | 138 | 99273 | 42.832 | ng | # | 86 |
| 62) Azobenzene | 16.79 | 77 | 400185 | 39.848 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 16.58 | 198 | 58971 | 29.748 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 16.71 | 169 | 362669 | 38.336 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 17.39 | 248 | 148345 | 38.119 | ng | | 96 |
| 67) Hexachlorobenzene | 17.51 | 284 | 158240 | 38.528 | ng | | 94 |
| 68) Atrazine | 17.63 | 200 | 150545 | 39.271 | ng | | 99 |
| 69) Pentachlorophenol | 17.86 | 266 | 96957 | 34.395 | ng | | 96 |
| 70) Phenanthrene | 18.26 | 178 | 660682 | 38.283 | ng | | 98 |
| 71) Anthracene | 18.35 | 178 | 675159 | 38.638 | ng | | 98 |
| 72) Carbazole | 18.61 | 167 | 594961 | 38.423 | ng | | 98 |
| 73) Di-n-butylphthalate | 19.10 | 149 | 702704 | 38.989 | ng | # | 98 |
| 74) Fluoranthene | 20.21 | 202 | 793093 | 37.136 | ng | | 97 |
| 76) Benzidine | 20.37 | 184 | 375513 | 42.514 | ng | | 98 |
| 77) Pyrene | 20.57 | 202 | 812435 | 37.400 | ng | | 100 |
| 79) Butylbenzylphthalate | 21.42 | 149 | 314621 | 39.248 | ng | | 96 |
| 80) Benzo(a)anthracene | 22.54 | 228 | 795413 | 38.352 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 22.43 | 252 | 310227 | 42.035 | ng | | 97 |
| 82) Chrysene | 22.62 | 228 | 766409 | 38.175 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 22.36 | 149 | 445702 | 40.334 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 23.75 | 149 | 718555 | 42.469 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 30.71 | 276 | 906249 | 41.751 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 25.12 | 252 | 783121 | 37.167 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 25.20 | 252 | 792056 | 37.168 | ng | # | 97 |
| 89) Benzo(a)pyrene | 26.15 | 252 | 758895 | 37.505 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 30.79 | 278 | 758252 | 39.782 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 32.09 | 276 | 736373 | 39.016 | ng | # | 94 |

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

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