Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033443.D
Acq On : 30 Mar 2018 7:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/30/2018 6:04:49 PM

Quant Time: Mar 30 08:27:40 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 | 31942 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.75 | 136 | 153018 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.49 | 164 | 124654 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 332289 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.57 | 240 | 337141 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.33 | 264 | 370392 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.30 | 112 | 144976 | 85.11 | ng | | 0.00 |
| 7) Phenol-d6 | 7.98 | 99 | 240780 | 82.26 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 10.07 | 82 | 259773 | 78.00 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.96 | 330 | 151781 | 81.41 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 14.11 | 172 | 646829 | 74.91 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1176575 | 74.63 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.93 | 88 | 33875 | 39.158 | ng | | 87 |
| 3) Pyridine | 4.39 | 79 | 100995 | 42.233 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 4.30 | 42 | 40699 | 41.471 | ng | # | 75 |
| 6) Aniline | 8.17 | 93 | 146005 | 42.419 | ng | | 96 |
| 8) 2-Chlorophenol | 8.42 | 128 | 83082 | 42.662 | ng | | 96 |
| 9) Benzaldehyde | 7.98 | 77 | 64187 | 34.508 | ng | | 88 |
| 10) Phenol | 8.01 | 94 | 119399 | 41.318 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 8.25 | 93 | 91471 | 38.780 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.75 | 146 | 99797 | 39.197 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.90 | 146 | 104712 | 41.066 | ng | | 90 |
| 14) 1,2-Dichlorobenzene | 9.23 | 146 | 97314 | 39.103 | ng | | 97 |
| 15) Benzyl Alcohol | 9.11 | 79 | 99002 | 42.961 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.39 | 45 | 157068 | 40.848 | ng | | 86 |
| 17) 2-Methylphenol | 9.31 | 107 | 80690 | 40.989 | ng | # | 93 |
| 18) Hexachloroethane | 9.99 | 117 | 39710 | 40.351 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 9.68 | 70 | 93175 | 43.444 | ng | | 96 |
| 20) 3+4-Methylphenols | 9.64 | 107 | 120128 | 42.859 | ng | | 93 |
| 22) Acetophenone | 9.71 | 105 | 170888 | 40.764 | ng | # | 95 |
| 24) Nitrobenzene | 10.12 | 77 | 136176 | 38.199 | ng | | 90 |
| 25) Isophorone | 10.63 | 82 | 268691 | 41.567 | ng | | 98 |
| 26) 2-Nitrophenol | 10.84 | 139 | 57799 | 42.825 | ng | # | 89 |
| 27) 2,4-Dimethylphenol | 10.87 | 122 | 79691 | 40.645 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 11.11 | 93 | 123862 | 38.404 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 11.38 | 162 | 96895 | 40.185 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 11.60 | 180 | 118476 | 37.819 | ng | | 88 |
| 31) Naphthalene | 11.80 | 128 | 307605 | 38.793 | ng | | 99 |
| 32) Benzoic acid | 11.06 | 122 | 27122m | 14.881 | ng | | |
| 33) 4-Chloroaniline | 11.90 | 127 | 133878 | 37.685 | ng | # | 88 |
| 34) Hexachlorobutadiene | 12.06 | 225 | 87891 | 37.100 | ng | | 96 |
| 35) Caprolactam | 12.64 | 113 | 43943 | 46.519 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.97 | 107 | 125606 | 39.941 | ng | | 95 |
| 37) 2-Methylnaphthalene | 13.35 | 142 | 239974 | 38.991 | ng | | 90 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.71 | 216 | 166364 | 36.844 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 13.68 | 237 | 88167 | 33.309 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.93 | 196 | 103177 | 39.329 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 14.01 | 196 | 125725 | 40.545 | ng | | 96 |
| 45) 1,1'-Biphenyl | 14.33 | 154 | 364532 | 38.064 | ng | | 97 |
| 46) 2-Chloronaphthalene | 14.38 | 162 | 280764 | 38.022 | ng | | 94 |
| 47) 2-Nitroaniline | 14.58 | 65 | 113369 | 40.989 | ng | | 92 |
| 48) Acenaphthylene | 15.22 | 152 | 479065 | 38.867 | ng | | 98 |
| 49) Dimethylphthalate | 14.91 | 163 | 438439 | 40.416 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 15.05 | 165 | 91940 | 41.449 | ng | | 98 |
| 51) Acenaphthene | 15.55 | 154 | 289176 | 36.394 | ng | | 96 |
| 52) 3-Nitroaniline | 15.39 | 138 | 94591 | 40.675 | ng | # | 97 |
| 53) 2,4-Dinitrophenol | 15.60 | 184 | 5269m | 11.792 | ng | | |
| 54) Dibenzofuran | 15.88 | 168 | 455455 | 38.806 | ng | | 94 |
| 55) 4-Nitrophenol | 15.67 | 139 | 58883 | 36.009 | ng | # | 84 |
| 56) 2,4-Dinitrotoluene | 15.82 | 165 | 131588 | 40.290 | ng | | 92 |
| 57) Fluorene | 16.52 | 166 | 390464 | 39.051 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.09 | 232 | 119284 | 40.862 | ng | | 99 |
| 59) Diethylphthalate | 16.25 | 149 | 432199 | 41.029 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 16.50 | 204 | 223546 | 38.893 | ng | | 100 |
| 61) 4-Nitroaniline | 16.54 | 138 | 98542 | 41.844 | ng | # | 81 |
| 62) Azobenzene | 16.78 | 77 | 398792 | 39.081 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 16.58 | 198 | 35400 | 17.808 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 16.71 | 169 | 362980 | 38.263 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 17.38 | 248 | 150424 | 38.546 | ng | | 95 |
| 67) Hexachlorobenzene | 17.51 | 284 | 157884 | 38.335 | ng | | 96 |
| 68) Atrazine | 17.62 | 200 | 153172 | 39.846 | ng | | 98 |
| 69) Pentachlorophenol | 17.85 | 266 | 101371m | 35.861 | ng | | |
| 70) Phenanthrene | 18.26 | 178 | 662244 | 38.268 | ng | | 98 |
| 71) Anthracene | 18.35 | 178 | 687146 | 39.215 | ng | | 99 |
| 72) Carbazole | 18.61 | 167 | 604907 | 38.958 | ng | | 97 |
| 73) Di-n-butylphthalate | 19.10 | 149 | 712907 | 39.446 | ng | # | 98 |
| 74) Fluoranthene | 20.21 | 202 | 813779 | 38.000 | ng | | 97 |
| 76) Benzidine | 20.37 | 184 | 431436 | 47.189 | ng | | 99 |
| 77) Pyrene | 20.57 | 202 | 845009 | 37.580 | ng | | 99 |
| 79) Butylbenzylphthalate | 21.42 | 149 | 324896 | 39.155 | ng | | 98 |
| 80) Benzo(a)anthracene | 22.54 | 228 | 815237 | 37.975 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 22.42 | 252 | 318968 | 41.754 | ng | # | 97 |
| 82) Chrysene | 22.62 | 228 | 806537 | 38.812 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 22.36 | 149 | 456193 | 39.883 | ng | | 98 |
| 84) Di-n-octyl phthalate | 23.76 | 149 | 734414 | 41.935 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 30.71 | 276 | 932639 | 41.510 | ng | # | 95 |
| 87) Benzo(b)fluoranthene | 25.12 | 252 | 792627 | 37.040 | ng | # | 94 |
| 88) Benzo(k)fluoranthene | 25.20 | 252 | 827562 | 38.237 | ng | # | 98 |
| 89) Benzo(a)pyrene | 26.15 | 252 | 785580 | 38.227 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 30.79 | 278 | 771509 | 39.855 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 32.09 | 276 | 761394 | 39.721 | ng | # | 92 |

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

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