Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027919.D
Acq On : 14 Jul 2017 10:59
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC2.5

Quant Time: Jul 14 15:16:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 14:34:19 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.37 | 152 | 46659 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.19 | 136 | 203056 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.98 | 164 | 142885 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.73 | 188 | 379458 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.06 | 240 | 451368 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.58 | 264 | 420109 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.94 | 112 | 12684 | 4.19 | ng | | 0.00 |
| 7) Phenol-d6 | 7.52 | 99 | 17335 | 3.74 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.54 | 82 | 16756 | 4.60 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.47 | 330 | 8878 | 4.53 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.60 | 172 | 53094 | 5.31 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.31 | 244 | 104834 | 5.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.90 | 88 | 2570 | 2.278 | ng | | 89 |
| 3) Pyridine | 4.30 | 79 | 5009 | 1.442 | ng | # | 93 |
| 4) n-Nitrosodimethylamine | 4.21 | 42 | 3284 | 1.928 | ng | # | 88 |
| 6) Aniline | 7.70 | 93 | 9472 | 1.765 | ng | # | 81 |
| 8) 2-Chlorophenol | 7.94 | 128 | 7020 | 2.073 | ng | # | 77 |
| 9) Benzaldehyde | 7.52 | 77 | 5214 | 1.893 | ng | # | 77 |
| 10) Phenol | 7.54 | 94 | 9398 | 2.052 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.77 | 93 | 7311 | 2.102 | ng | # | 76 |
| 12) 1,3-Dichlorobenzene | 8.27 | 146 | 8691 | 2.413 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.41 | 146 | 9150 | 2.452 | ng | | 90 |
| 14) 1,2-Dichlorobenzene | 8.73 | 146 | 8681 | 2.399 | ng | # | 88 |
| 15) Benzyl Alcohol | 8.61 | 79 | 4453 | 1.391 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.88 | 45 | 15387 | 2.074 | ng | | 99 |
| 17) 2-Methylphenol | 8.80 | 107 | 6038 | 1.864 | ng | # | 85 |
| 18) Hexachloroethane | 9.46 | 117 | 2870 | 2.186 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 9.16 | 70 | 5776 | 1.715 | ng | # | 94 |
| 20) 3+4-Methylphenols | 9.13 | 107 | 8293 | 1.775 | ng | | 88 |
| 22) Acetophenone | 9.20 | 105 | 11354 | 2.317 | ng | # | 89 |
| 24) Nitrobenzene | 9.58 | 77 | 9128 | 2.397 | ng | | 91 |
| 25) Isophorone | 10.10 | 82 | 14916 | 1.878 | ng | # | 92 |
| 26) 2-Nitrophenol | 10.30 | 139 | 3627 | 2.108 | ng | # | 70 |
| 27) 2,4-Dimethylphenol | 10.34 | 122 | 6997 | 2.172 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.58 | 93 | 9718 | 2.159 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.84 | 162 | 8096 | 2.867 | ng | | 84 |
| 30) 1,2,4-Trichlorobenzene | 11.05 | 180 | 9371 | 3.254 | ng | | 86 |
| 31) Naphthalene | 11.25 | 128 | 25314 | 2.344 | ng | # | 94 |
| 33) 4-Chloroaniline | 11.36 | 127 | 9258 | 1.985 | ng | # | 91 |
| 34) Hexachlorobutadiene | 11.52 | 225 | 6232 | 3.884 | ng | | 97 |
| 35) Caprolactam | 12.11 | 113 | 1869m | 1.316 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.45 | 107 | 8301 | 2.089 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 12.83 | 142 | 18624m | 2.316 | ng | | |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.19 | 216 | 13277 | 3.536 | ng | # | 94 |
| 42) 2,4,6-Trichlorophenol | 13.42 | 196 | 6854 | 2.527 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.51 | 196 | 7601 | 2.474 | ng | # | 85 |

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|---|---|---|---|---|---|---|---|
| 45) 1,1'-Biphenyl | 13.81 | 154 | 28836 | 2.518 | ng | | 92 |
| 46) 2-Chloronaphthalene | 13.86 | 162 | 22118 | 2.557 | ng | | 99 |
| 47) 2-Nitroaniline | 14.07 | 65 | 5625 | 1.624 | ng | # | 80 |
| 48) Acenaphthylene | 14.71 | 152 | 34415 | 2.177 | ng | | 93 |
| 49) Dimethylphthalate | 14.42 | 163 | 28344 | 2.325 | ng | # | 94 |
| 50) 2,6-Dinitrotoluene | 14.55 | 165 | 5641 | 2.129 | ng | # | 71 |
| 51) Acenaphthene | 15.04 | 154 | 20921 | 2.065 | ng | | 96 |
| 52) 3-Nitroaniline | 14.88 | 138 | 4931 | 1.582 | ng | # | 74 |
| 54) Dibenzofuran | 15.38 | 168 | 34609 | 2.583 | ng | # | 88 |
| 56) 2,4-Dinitrotoluene | 15.33 | 165 | 7473 | 2.022 | ng | # | 73 |
| 57) Fluorene | 16.02 | 166 | 29305 | 2.256 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.61 | 232 | 6689 | 2.525 | ng | # | 88 |
| 59) Diethylphthalate | 15.77 | 149 | 28244 | 2.093 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.01 | 204 | 16183 | 2.814 | ng | | 86 |
| 62) Azobenzene | 16.30 | 77 | 21405 | 1.805 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 16.22 | 169 | 25399 | 2.058 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.90 | 248 | 10966 | 2.763 | ng | | 95 |
| 67) Hexachlorobenzene | 17.03 | 284 | 12100 | 2.879 | ng | # | 88 |
| 68) Atrazine | 17.16 | 200 | 8781 | 2.253 | ng | | 95 |
| 70) Phenanthrene | 17.77 | 178 | 49068 | 2.240 | ng | | 92 |
| 71) Anthracene | 17.86 | 178 | 47807m | 2.161 | ng | | |
| 72) Carbazole | 18.13 | 167 | 41034 | 1.884 | ng | # | 94 |
| 73) Di-n-butylphthalate | 18.66 | 149 | 43024 | 1.797 | ng | # | 94 |
| 74) Fluoranthene | 19.77 | 202 | 55932 | 2.336 | ng | | 92 |
| 76) Benzidine | 19.95 | 184 | 23549 | 2.332 | ng | # | 94 |
| 77) Pyrene | 20.13 | 202 | 60562 | 2.138 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.99 | 149 | 18585 | 1.457 | ng | | 88 |
| 80) Benzo(a)anthracene | 22.04 | 228 | 60587 | 2.220 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 21.95 | 252 | 21498 | 2.171 | ng | # | 96 |
| 82) Chrysene | 22.11 | 228 | 62238m | 2.433 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 21.90 | 149 | 28426 | 1.525 | ng | | 97 |
| 84) Di-n-octyl phthalate | 23.21 | 149 | 45260 | 1.469 | ng | | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 29.62 | 276 | 62554 | 2.140 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 24.45 | 252 | 56861 | 2.101 | ng | | 95 |
| 88) Benzo(k)fluoranthene | 24.52 | 252 | 58861m | 2.200 | ng | | |
| 89) Benzo(a)pyrene | 25.41 | 252 | 53006 | 2.087 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 29.70 | 278 | 52881 | 2.055 | ng | | 94 |
| 91) Benzo(g,h,i)perylene | 30.87 | 276 | 52928 | 2.141 | ng | # | 92 |

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

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