Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027206.D
Acq On : 5 Jun 2017 10:43
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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6/6/2017 5:13:35 PM

Quant Time: Jun 05 15:50:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 14:01:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.58 | 152 | 54069 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.40 | 136 | 259351 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.16 | 164 | 176216 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.91 | 188 | 436735 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.31 | 240 | 415532 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.03 | 264 | 396456 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.16 | 112 | 16371 | 5.37 | ng | | 0.00 |
| 7) Phenol-d6 | 7.71 | 99 | 23191 | 5.67 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 0.00 | 82 | 0d | 0.00 | ng | | |
| 41) 2,4,6-Tribromophenol | 16.64 | 330 | 8507 | 4.22 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.79 | 172 | 63471 | 5.05 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.49 | 244 | 87405 | 5.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 4.17 | 88 | 3882 | 2.84 | ng | # | 80 |
| 4) n-Nitrosodimethylamine | 4.47 | 42 | 3813 | 3.73 | ng | # | 52 |
| 6) Aniline | 7.91 | 93 | 14069 | 2.58 | ng | # | 90 |
| 8) 2-Chlorophenol | 8.15 | 128 | 8376 | 2.44 | ng | | 94 |
| 9) Benzaldehyde | 7.73 | 77 | 8543 | 3.09 | ng | | 85 |
| 10) Phenol | 7.74 | 94 | 12456 | 2.85 | ng | # | 74 |
| 11) bis(2-Chloroethyl)ether | 7.99 | 93 | 10179 | 2.84 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 8.47 | 146 | 10131m | 2.48 | ng | | |
| 13) 1,4-Dichlorobenzene | 8.62 | 146 | 10754 | 2.60 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.94 | 146 | 10744 | 2.72 | ng | | 93 |
| 15) Benzyl Alcohol | 8.80 | 79 | 7687 | 2.87 | ng | # | 77 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.10 | 45 | 15652 | 3.94 | ng | | 90 |
| 17) 2-Methylphenol | 8.99 | 107 | 8590 | 2.77 | ng | # | 84 |
| 18) Hexachloroethane | 9.67 | 117 | 3209 | 2.38 | ng | | 84 |
| 19) n-Nitroso-di-n-propylamine | 9.37 | 70 | 8142 | 3.10 | ng | # | 83 |
| 20) 3+4-Methylphenols | 9.31 | 107 | 11039 | 2.59 | ng | | 90 |
| 22) Acetophenone | 9.40 | 105 | 14978 | 2.51 | ng | # | 85 |
| 25) Isophorone | 10.31 | 82 | 21731 | 2.67 | ng | # | 94 |
| 27) 2,4-Dimethylphenol | 10.53 | 122 | 8760 | 2.41 | ng | | 85 |
| 28) bis(2-Chloroethoxy)methane | 10.78 | 93 | 14849 | 2.81 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 11.03 | 162 | 7541 | 2.05 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 11.25 | 180 | 9958 | 2.41 | ng | | 96 |
| 31) Naphthalene | 11.45 | 128 | 35095 | 2.68 | ng | | 97 |
| 33) 4-Chloroaniline | 11.55 | 127 | 13292 | 2.49 | ng | # | 88 |
| 34) Hexachlorobutadiene | 11.73 | 225 | 6063 | 2.49 | ng | | 97 |
| 35) Caprolactam | 12.33 | 113 | 2240 | 1.55 | ng | # | 65 |
| 36) 4-Chloro-3-methylphenol | 12.62 | 107 | 10730 | 2.73 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 13.02 | 142 | 25640 | 2.67 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.37 | 216 | 12792 | 2.41 | ng | | 96 |
| 42) 2,4,6-Trichlorophenol | 13.60 | 196 | 6596m | 1.90 | ng | | |
| 43) 2,4,5-Trichlorophenol | 13.67 | 196 | 7590 | 1.98 | ng | | 96 |
| 45) 1,1'-Biphenyl | 14.00 | 154 | 35203 | 2.41 | ng | | 96 |
| 46) 2-Chloronaphthalene | 14.05 | 162 | 25999 | 2.44 | ng | | 100 |
| 48) Acenaphthylene | 14.89 | 152 | 42545 | 2.29 | ng | | 96 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 49) Dimethylphthalate | 14.60 | 163 | 33274 | 2.50 | ng | | 97 |
| 51) Acenaphthene | 15.23 | 154 | 28416 | 2.48 | ng | | 99 |
| 54) Dibenzofuran | 15.56 | 168 | 42023 | 2.61 | ng | | 90 |
| 57) Fluorene | 16.21 | 166 | 37505 | 2.62 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.77 | 232 | 6437 | 1.92 | ng | # | 99 |
| 59) Diethylphthalate | 15.96 | 149 | 33773 | 2.48 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 16.19 | 204 | 18380 | 2.71 | ng | | 90 |
| 62) Azobenzene | 16.48 | 77 | 30989 | 2.80 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 16.40 | 169 | 30358 | 2.37 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 17.09 | 248 | 11255 | 2.50 | ng | | 95 |
| 67) Hexachlorobenzene | 17.21 | 284 | 12771 | 2.66 | ng | | 98 |
| 68) Atrazine | 17.34 | 200 | 8862 | 1.83 | ng | | 99 |
| 70) Phenanthrene | 17.96 | 178 | 63222 | 2.70 | ng | | 95 |
| 71) Anthracene | 18.05 | 178 | 58560 | 2.45 | ng | | 96 |
| 72) Carbazole | 18.31 | 167 | 55663 | 2.26 | ng | | 93 |
| 73) Di-n-butylphthalate | 18.85 | 149 | 48900 | 1.93 | ng | # | 92 |
| 74) Fluoranthene | 19.94 | 202 | 66526 | 2.41 | ng | | 95 |
| 77) Pyrene | 20.31 | 202 | 69028 | 2.87 | ng | | 94 |
| 79) Butylbenzylphthalate | 21.20 | 149 | 20116 | 2.09 | ng | # | 88 |
| 80) Benzo(a)anthracene | 22.28 | 228 | 57832m | 2.47 | ng | | |
| 81) 3,3'-Dichlorobenzidine | 22.18 | 252 | 19648 | 2.05 | ng | # | 95 |
| 82) Chrysene | 22.36 | 228 | 56889 | 2.55 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 22.17 | 149 | 32486 | 2.23 | ng | | 95 |
| 84) Di-n-octyl phthalate | 23.56 | 149 | 51195 | 2.06 | ng | # | 91 |
| 85) Indeno(1,2,3-cd)pyrene | 30.29 | 276 | 64845 | 2.35 | ng | # | 96 |
| 87) Benzo(b)fluoranthene | 24.83 | 252 | 58684 | 2.51 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 24.91 | 252 | 57561 | 2.54 | ng | # | 95 |
| 89) Benzo(a)pyrene | 25.84 | 252 | 55021 | 2.45 | ng | # | 92 |
| 90) Dibenzo(a,h)anthracene | 30.39 | 278 | 55699 | 2.46 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 31.62 | 276 | 54942 | 2.41 | ng | # | 89 |

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

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