Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016860.D
Acq On : 5 May 2015 12:07
Operator : TP/IZ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
apatel
5/6/2015 5:17:37 PM

Quant Time: May 05 15:56:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 15:36:00 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 73008 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.60 | 136 | 302578 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.45 | 164 | 196685 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.19 | 188 | 435700 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.37 | 240 | 470526 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.68 | 264 | 458607 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 20779 | 5.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.96 | 99 | 29090 | 5.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.96 | 82 | 33025 | 6.86 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.93 | 330 | 10124 | 6.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.07 | 172 | 73049 | 5.72 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.82 | 244 | 114786 | 5.87 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 7.13 | 93 | 19642 | 2.58 | ng | | 91 |
| 8) 2-Chlorophenol | 7.37 | 128 | 12241 | 2.46 | ng | | 93 |
| 9) Benzaldehyde | 6.95 | 77 | 11633 | 3.52 | ng | | 91 |
| 10) Phenol | 6.99 | 94 | 14999 | 2.59 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.23 | 93 | 12978 | 2.81 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.69 | 146 | 14486 | 2.71 | ng | | 91 |
| 13) 1,4-Dichlorobenzene | 7.84 | 146 | 13485m | 2.46 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.16 | 146 | 13788 | 2.62 | ng | | 95 |
| 15) Benzyl Alcohol | 8.04 | 79 | 12580 | 3.38 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.34 | 45 | 23907 | 5.09 | ng | | 96 |
| 17) 2-Methylphenol | 8.24 | 107 | 11128 | 2.68 | ng | | 93 |
| 18) Hexachloroethane | 8.88 | 117 | 6147 | 3.11 | ng | # | 85 |
| 19) n-Nitroso-di-n-propylamine | 8.61 | 70 | 13160 | 3.50 | ng | # | 91 |
| 20) 3+4-Methylphenols | 8.56 | 107 | 14175 | 2.49 | ng | # | 72 |
| 22) Acetophenone | 8.62 | 105 | 18564 | 3.00 | ng | # | 86 |
| 24) Nitrobenzene | 9.00 | 77 | 15822 | 3.43 | ng | | 97 |
| 25) Isophorone | 9.53 | 82 | 33005 | 3.43 | ng | | 98 |
| 26) 2-Nitrophenol | 9.71 | 139 | 6521 | 2.39 | ng | # | 80 |
| 27) 2,4-Dimethylphenol | 9.77 | 122 | 11207 | 2.44 | ng | | 85 |
| 28) bis(2-Chloroethoxy)methane | 10.02 | 93 | 16832 | 3.08 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.24 | 162 | 10699 | 2.66 | ng | | 88 |
| 30) 1,2,4-Trichlorobenzene | 10.46 | 180 | 11806 | 2.76 | ng | | 97 |
| 31) Naphthalene | 10.65 | 128 | 42026 | 2.80 | ng | | 97 |
| 33) 4-Chloroaniline | 10.76 | 127 | 16631 | 2.53 | ng | | 94 |
| 34) Hexachlorobutadiene | 10.94 | 225 | 8204 | 4.02 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.88 | 107 | 13454 | 2.91 | ng | # | 92 |
| 37) 2-Methylnaphthalene | 12.26 | 142 | 31131 | 2.81 | ng | | 94 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216 | 13797 | 3.01 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.62 | 237 | 8448 | 7.03 | ng | | 93 |
| 42) 2,4,6-Trichlorophenol | 12.87 | 196 | 9381 | 2.72 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 12.94 | 196 | 10302 | 2.95 | ng | | 88 |
| 45) 1,1'-Biphenyl | 13.28 | 154 | 38052 | 2.64 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.32 | 162 | 29957 | 2.69 | ng | | 97 |
| 47) 2-Nitroaniline | 13.52 | 65 | 9059 | 3.08 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 48) Acenaphthylene | 14.16 | 152 | 53001 | 2.68 | ng | | 97 |
| 49) Dimethylphthalate | 13.90 | 163 | 39336 | 2.78 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.02 | 165 | 7122 | 2.09 | ng | # | 84 |
| 51) Acenaphthene | 14.51 | 154 | 29787 | 2.53 | ng | | 97 |
| 54) Dibenzofuran | 14.84 | 168 | 42235 | 2.51 | ng | | 98 |
| 57) Fluorene | 15.49 | 166 | 36692 | 2.49 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.07 | 232 | 8550 | 3.14 | ng | # | 79 |
| 59) Diethylphthalate | 15.27 | 149 | 41542 | 2.82 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.49 | 204 | 20321 | 3.19 | ng | | 96 |
| 61) 4-Nitroaniline | 15.50 | 138 | 9640 | 2.47 | ng | | 91 |
| 62) Azobenzene | 15.78 | 77 | 42630 | 3.38 | ng | | 97 |
| 65) n-Nitrosodiphenylamine | 15.70 | 169 | 35336 | 2.54 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 16.38 | 248 | 11212 | 3.12 | ng | | 89 |
| 67) Hexachlorobenzene | 16.50 | 284 | 12077 | 3.21 | ng | # | 83 |
| 68) Atrazine | 16.65 | 200 | 12268 | 2.93 | ng | | 90 |
| 70) Phenanthrene | 17.23 | 178 | 61866 | 2.65 | ng | | 98 |
| 71) Anthracene | 17.32 | 178 | 61263 | 2.63 | ng | | 96 |
| 72) Carbazole | 17.59 | 167 | 58098 | 2.55 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.16 | 149 | 79641 | 2.80 | ng | # | 97 |
| 74) Fluoranthene | 19.25 | 202 | 71207 | 2.79 | ng | | 94 |
| 76) Benzidine | 19.43 | 184 | 45352 | 2.57 | ng | # | 95 |
| 77) Pyrene | 19.60 | 202 | 75861 | 2.51 | ng | | 95 |
| 79) Butylbenzylphthalate | 20.51 | 149 | 34934 | 2.33 | ng | | 92 |
| 80) Benzo(a)anthracene | 21.35 | 228 | 68332 | 2.54 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.28 | 252 | 25239 | 2.72 | ng | # | 87 |
| 82) Chrysene | 21.40 | 228 | 62943 | 2.47 | ng | | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 47945 | 2.28 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.19 | 149 | 84153 | 2.36 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 26.04 | 276 | 81617 | 2.81 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.97 | 252 | 68648 | 2.64 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 23.02 | 252 | 67758 | 2.68 | ng | | 97 |
| 89) Benzo(a)pyrene | 23.57 | 252 | 64521 | 2.63 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 26.06 | 278 | 69695 | 2.81 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 26.75 | 276 | 67394 | 2.72 | ng | | 95 |

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

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