Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009986.D
Acq On : 11 May 2017 16:06
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:00 PM

Quant Time: May 11 19:02:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 18:53:14 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 59517 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.56 | 136 | 253203 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.42 | 164 | 167297 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.17 | 188 | 425991 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.36 | 240 | 575958 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.66 | 264 | 458278 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 75810 | 20.28 | ng | | 0.00 |
| 7) Phenol-d6 | 6.95 | 99 | 112197 | 19.58 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.93 | 82 | 131660 | 18.82 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.92 | 330 | 42714 | 18.69 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.03 | 172 | 244768 | 19.06 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.80 | 244 | 488364 | 17.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 13528 | 9.42 | ng | # | 100 |
| 3) Pyridine | 3.69 | 79 | 47070 | 9.53 | ng | # | 93 |
| 4) n-Nitrosodimethylamine | 3.60 | 42 | 27150 | 8.43 | ng | # | 54 |
| 6) Aniline | 7.10 | 93 | 74320 | 9.81 | ng | # | 87 |
| 8) 2-Chlorophenol | 7.33 | 128 | 37965 | 9.12 | ng | # | 64 |
| 9) Benzaldehyde | 6.93 | 77 | 46238 | 10.16 | ng | | 90 |
| 10) Phenol | 6.97 | 94 | 62175 | 9.91 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.20 | 93 | 50625 | 10.14 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 7.65 | 146 | 41430 | 8.98 | ng | # | 80 |
| 13) 1,4-Dichlorobenzene | 7.80 | 146 | 44188 | 9.29 | ng | # | 94 |
| 14) 1,2-Dichlorobenzene | 8.11 | 146 | 42317 | 9.26 | ng | # | 92 |
| 15) Benzyl Alcohol | 8.02 | 79 | 44524 | 8.39 | ng | # | 80 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 77417 | 8.39 | ng | | 94 |
| 17) 2-Methylphenol | 8.22 | 107 | 40270 | 9.53 | ng | # | 89 |
| 18) Hexachloroethane | 8.83 | 117 | 18526 | 8.79 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.57 | 70 | 47539 | 8.75 | ng | # | 88 |
| 20) 3+4-Methylphenols | 8.55 | 107 | 52120 | 8.98 | ng | | 92 |
| 22) Acetophenone | 8.60 | 105 | 76719 | 9.68 | ng | # | 88 |
| 24) Nitrobenzene | 8.98 | 77 | 73136 | 10.07 | ng | # | 88 |
| 25) Isophorone | 9.49 | 82 | 112633 | 9.13 | ng | # | 84 |
| 26) 2-Nitrophenol | 9.69 | 139 | 19622 | 8.35 | ng | # | 27 |
| 27) 2,4-Dimethylphenol | 9.75 | 122 | 39657 | 9.38 | ng | # | 82 |
| 28) bis(2-Chloroethoxy)methane | 9.97 | 93 | 70778 | 9.85 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.23 | 162 | 38190 | 9.42 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.42 | 180 | 44863 | 9.47 | ng | | 96 |
| 31) Naphthalene | 10.61 | 128 | 135171 | 9.71 | ng | | 99 |
| 32) Benzoic acid | 9.87 | 122 | 20908m | 7.53 | ng | | |
| 33) 4-Chloroaniline | 10.75 | 127 | 55269 | 9.41 | ng | # | 76 |
| 34) Hexachlorobutadiene | 10.87 | 225 | 31056 | 9.42 | ng | | 95 |
| 35) Caprolactam | 11.53 | 113 | 13925 | 9.01 | ng | # | 91 |
| 36) 4-Chloro-3-methylphenol | 11.87 | 107 | 50763 | 9.22 | ng | | 86 |
| 37) 2-Methylnaphthalene | 12.22 | 142 | 95857 | 9.75 | ng | # | 87 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 56229 | 9.34 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.56 | 237 | 1288 | 1.05 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.86 | 196 | 36419 | 9.36 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.94 | 196 | 38157 | 9.12 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 13.25 | 154 | 136513 | 9.58 | ng | | 90 |
| 46) 2-Chloronaphthalene | 13.29 | 162 | 105756 | 9.39 | ng | | 97 |
| 47) 2-Nitroaniline | 13.52 | 65 | 46208 | 8.50 | ng | # | 68 |
| 48) Acenaphthylene | 14.14 | 152 | 165252 | 9.35 | ng | | 99 |
| 49) Dimethylphthalate | 13.87 | 163 | 144668 | 9.08 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.01 | 165 | 28761 | 9.25 | ng | # | 60 |
| 51) Acenaphthene | 14.48 | 154 | 108935 | 9.99 | ng | | 95 |
| 52) 3-Nitroaniline | 14.36 | 138 | 29047 | 8.64 | ng | # | 48 |
| 53) 2,4-Dinitrophenol | 14.60 | 184 | 5325 | 3.72 | ng | | 94 |
| 54) Dibenzofuran | 14.82 | 168 | 162356 | 9.74 | ng | | 96 |
| 55) 4-Nitrophenol | 14.70 | 139 | 17542 | 7.76 | ng | # | 11 |
| 56) 2,4-Dinitrotoluene | 14.82 | 165 | 38904 | 8.61 | ng | # | 65 |
| 57) Fluorene | 15.47 | 166 | 136241 | 9.26 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 31761 | 9.91 | ng | # | 100 |
| 59) Diethylphthalate | 15.24 | 149 | 149032 | 8.75 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.46 | 204 | 75943 | 9.73 | ng | | 99 |
| 61) 4-Nitroaniline | 15.53 | 138 | 29890 | 8.87 | ng | # | 15 |
| 62) Azobenzene | 15.76 | 77 | 181066 | 9.55 | ng | | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 17280 | 6.53 | ng | | 97 |
| 65) n-Nitrosodiphenylamine | 15.68 | 169 | 127872 | 9.47 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.36 | 248 | 46793 | 9.39 | ng | # | 92 |
| 67) Hexachlorobenzene | 16.47 | 284 | 52956 | 9.33 | ng | # | 86 |
| 68) Atrazine | 16.63 | 200 | 44764 | 8.66 | ng | | 94 |
| 69) Pentachlorophenol | 16.83 | 266 | 17362 | 8.08 | ng | | 90 |
| 70) Phenanthrene | 17.22 | 178 | 231600 | 9.39 | ng | | 98 |
| 71) Anthracene | 17.31 | 178 | 233952 | 9.41 | ng | | 99 |
| 72) Carbazole | 17.59 | 167 | 214886 | 9.53 | ng | | 94 |
| 73) Di-n-butylphthalate | 18.13 | 149 | 262285 | 8.10 | ng | # | 97 |
| 74) Fluoranthene | 19.23 | 202 | 304419 | 9.78 | ng | | 97 |
| 76) Benzidine | 19.43 | 184 | 133863 | 7.70 | ng | | 97 |
| 77) Pyrene | 19.60 | 202 | 314844 | 9.15 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.49 | 149 | 124085 | 7.48 | ng | # | 66 |
| 80) Benzo(a)anthracene | 21.34 | 228 | 322007 | 9.28 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.29 | 252 | 115605 | 8.39 | ng | | 98 |
| 82) Chrysene | 21.40 | 228 | 307816 | 9.44 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 191104 | 7.49 | ng | | 96 |
| 84) Di-n-octyl phthalate | 22.14 | 149 | 329083 | 7.43 | ng | # | 86 |
| 85) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 249308 | 6.78 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.96 | 252 | 293778 | 10.06 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 23.01 | 252 | 276860 | 9.75 | ng | | 98 |
| 89) Benzo(a)pyrene | 23.56 | 252 | 255843 | 9.34 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 26.00 | 278 | 222669 | 8.10 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 26.71 | 276 | 209396 | 8.12 | ng | # | 91 |

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

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