Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009901.D
Acq On : 05 May 2017 14:08
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 05 14:41:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:20:43 2017
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC080

**Manual Integrations APPROVED**
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5/8/2017 2:49:13 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 107990 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.58 | 136 | 468269 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.44 | 164 | 292680 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.20 | 188 | 692519 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.39 | 240 | 881159 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.69 | 264 | 761299 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 1141795 | 84.90 | ng | | 0.00 |
| 7) Phenol-d6 | 6.97 | 99 | 1796202 | 87.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.96 | 82 | 2191046 | 85.49 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.94 | 330 | 722366 | 92.35 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.06 | 172 | 3922678 | 88.66 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.82 | 244 | 7863647 | 93.79 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 190179 | 71.97 | ng | # | 100 |
| 3) Pyridine | 3.69 | 79 | 694640 | 77.14 | ng | # | 73 |
| 4) n-Nitrosodimethylamine | 3.61 | 42 | 458102 | 78.13 | ng | # | 58 |
| 6) Aniline | 7.13 | 93 | 1152792 | 84.54 | ng | # | 88 |
| 8) 2-Chlorophenol | 7.36 | 128 | 637650 | 85.23 | ng | | 81 |
| 9) Benzaldehyde | 6.94 | 77 | 588496 | 69.97 | ng | | 81 |
| 10) Phenol | 7.00 | 94 | 962068 | 85.33 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.22 | 93 | 755075 | 83.93 | ng | # | 79 |
| 12) 1,3-Dichlorobenzene | 7.67 | 146 | 688024 | 82.59 | ng | # | 85 |
| 13) 1,4-Dichlorobenzene | 7.82 | 146 | 710876 | 82.82 | ng | # | 93 |
| 14) 1,2-Dichlorobenzene | 8.13 | 146 | 692021 | 84.09 | ng | # | 93 |
| 15) Benzyl Alcohol | 8.04 | 79 | 817610 | 85.78 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30 | 45 | 1371285 | 82.21 | ng | | 94 |
| 17) 2-Methylphenol | 8.24 | 107 | 652198 | 85.99 | ng | # | 86 |
| 18) Hexachloroethane | 8.85 | 117 | 317405 | 83.57 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.60 | 70 | 831314 | 85.10 | ng | # | 85 |
| 20) 3+4-Methylphenols | 8.57 | 107 | 919873 | 88.69 | ng | | 87 |
| 22) Acetophenone | 8.62 | 105 | 1251193 | 86.38 | ng | # | 86 |
| 24) Nitrobenzene | 9.00 | 77 | 1114136 | 83.46 | ng | # | 89 |
| 25) Isophorone | 9.53 | 82 | 1925026 | 85.10 | ng | # | 88 |
| 26) 2-Nitrophenol | 9.70 | 139 | 386988 | 90.79 | ng | # | 44 |
| 27) 2,4-Dimethylphenol | 9.77 | 122 | 652622 | 84.09 | ng | # | 78 |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93 | 1132295 | 86.18 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.25 | 162 | 645336 | 87.22 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.45 | 180 | 739085 | 85.16 | ng | | 95 |
| 31) Naphthalene | 10.63 | 128 | 2152941 | 84.25 | ng | | 99 |
| 32) Benzoic acid | 10.00 | 122 | 468299 | 93.86 | ng | # | 73 |
| 33) 4-Chloroaniline | 10.76 | 127 | 938026 | 87.53 | ng | # | 76 |
| 34) Hexachlorobutadiene | 10.89 | 225 | 511168 | 84.55 | ng | | 99 |
| 35) Caprolactam | 11.61 | 113 | 247595m | 87.84 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.90 | 107 | 859597 | 85.26 | ng | # | 81 |
| 37) 2-Methylnaphthalene | 12.25 | 142 | 1543123 | 85.71 | ng | # | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 906221 | 87.17 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.58 | 237 | 275348 | 145.51 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.87 | 196 | 598009 | 89.37 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.96 | 196 | 636031 | 88.15 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 13.27 | 154 | 2140504 | 86.96 | ng | | 95 |
| 46) 2-Chloronaphthalene | 13.32 | 162 | 1703751 | 87.69 | ng | | 96 |
| 47) 2-Nitroaniline | 13.54 | 65 | 815016 | 86.71 | ng | # | 65 |
| 48) Acenaphthylene | 14.16 | 152 | 2660592 | 87.16 | ng | | 100 |
| 49) Dimethylphthalate | 13.91 | 163 | 2300176 | 82.92 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 14.04 | 165 | 464693 | 86.44 | ng | # | 43 |
| 51) Acenaphthene | 14.51 | 154 | 1615038 | 85.50 | ng | | 99 |
| 52) 3-Nitroaniline | 14.38 | 138 | 499527 | 85.79 | ng | # | 53 |
| 53) 2,4-Dinitrophenol | 14.60 | 184 | 257179 | 108.91 | ng | # | 79 |
| 54) Dibenzofuran | 14.84 | 168 | 2499253 | 86.68 | ng | | 94 |
| 55) 4-Nitrophenol | 14.70 | 139 | 348050 | 94.11 | ng | # | 6 |
| 56) 2,4-Dinitrotoluene | 14.84 | 165 | 697994 | 89.88 | ng | # | 66 |
| 57) Fluorene | 15.50 | 166 | 2239648 | 88.29 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.08 | 232 | 488823 | 88.52 | ng | # | 100 |
| 59) Diethylphthalate | 15.27 | 149 | 2489861 | 84.23 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.49 | 204 | 1196126 | 88.96 | ng | | 98 |
| 61) 4-Nitroaniline | 15.55 | 138 | 504063 | 86.54 | ng | # | 13 |
| 62) Azobenzene | 15.78 | 77 | 2807894 | 85.45 | ng | | 81 |
| 64) 4,6-Dinitro-2-methylphenol | 15.60 | 198 | 402980 | 97.00 | ng | # | 79 |
| 65) n-Nitrosodiphenylamine | 15.71 | 169 | 1919129 | 88.83 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 16.38 | 248 | 720167 | 90.58 | ng | # | 89 |
| 67) Hexachlorobenzene | 16.50 | 284 | 792610 | 86.97 | ng | # | 88 |
| 68) Atrazine | 16.67 | 200 | 721174 | 86.84 | ng | | 98 |
| 69) Pentachlorophenol | 16.86 | 266 | 348112 | 104.73 | ng | | 98 |
| 70) Phenanthrene | 17.24 | 178 | 3484798 | 88.19 | ng | | 99 |
| 71) Anthracene | 17.33 | 178 | 3550324 | 89.26 | ng | | 99 |
| 72) Carbazole | 17.61 | 167 | 3139116 | 86.67 | ng | | 100 |
| 73) Di-n-butylphthalate | 18.15 | 149 | 4612410 | 89.03 | ng | # | 97 |
| 74) Fluoranthene | 19.26 | 202 | 4366564 | 87.45 | ng | | 99 |
| 76) Benzidine | 19.45 | 184 | 2148396 | 80.96 | ng | | 100 |
| 77) Pyrene | 19.63 | 202 | 4583556 | 88.39 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.51 | 149 | 2209475 | 88.35 | ng | # | 72 |
| 80) Benzo(a)anthracene | 21.37 | 228 | 4518019 | 86.05 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.31 | 252 | 1730134 | 82.37 | ng | # | 98 |
| 82) Chrysene | 21.43 | 228 | 4300385 | 87.31 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 3378478 | 87.74 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.17 | 149 | 5791791 | 86.41 | ng | # | 85 |
| 85) Indeno(1,2,3-cd)pyrene | 26.07 | 276 | 4063619 | 71.08 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.00 | 252 | 4222706 | 88.34 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 23.05 | 252 | 4252192m | 92.10 | ng | | |
| 89) Benzo(a)pyrene | 23.60 | 252 | 3925715 | 87.39 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 26.07 | 278 | 3691548 | 80.98 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 26.79 | 276 | 3226206 | 74.59 | ng | # | 92 |

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

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