Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027627.D
Acq On : 23 Jun 2017 11:53
Operator : SJ/JU
Sample : PB100013BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100013BS

Manual Integrations APPROVED
mohammad
6/26/2017 8:33:08 AM

Quant Time: Jun 23 16:07:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.51 | 152 | 15035 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.33 | 136 | 70737 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.09 | 164 | 48876 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.84 | 188 | 146694 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.21 | 240 | 175852 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.84 | 264 | 163703 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.09 | 112 | 136132 | 128.86 | ng | | 0.00 |
| 7) Phenol-d6 | 7.64 | 99 | 187960 | 120.19 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.67 | 82 | 119255 | 79.77 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.58 | 330 | 116702 | 160.16 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.71 | 172 | 288622 | 80.66 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.41 | 244 | 645985 | 86.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 4.09 | 88 | 14450 | 35.23 | ng | | 97 |
| 3) Pyridine | 4.47 | 79 | 41549 | 31.29 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 4.38 | 42 | 24876 | 41.05 | ng | # | 87 |
| 6) Aniline | 7.83 | 93 | 33717 | 17.67 | ng | | 95 |
| 8) 2-Chlorophenol | 8.07 | 128 | 49571 | 44.35 | ng | | 94 |
| 9) Benzaldehyde | 7.65 | 77 | 11698 | 11.01 | ng | | 90 |
| 10) Phenol | 7.67 | 94 | 67583 | 42.42 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.91 | 93 | 43639 | 35.00 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 8.39 | 146 | 46565 | 39.46 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.54 | 146 | 47101 | 39.54 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.86 | 146 | 45876 | 39.19 | ng | | 98 |
| 15) Benzyl Alcohol | 8.73 | 79 | 51032 | 40.87 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.01 | 45 | 63822 | 30.85 | ng | | 88 |
| 17) 2-Methylphenol | 8.92 | 107 | 44347 | 39.56 | ng | | 94 |
| 18) Hexachloroethane | 9.59 | 117 | 18377 | 39.34 | ng | | 85 |
| 19) n-Nitroso-di-n-propylamine | 9.29 | 70 | 42643 | 34.33 | ng | | 89 |
| 20) 3+4-Methylphenols | 9.25 | 107 | 62640 | 40.81 | ng | | 92 |
| 22) Acetophenone | 9.32 | 105 | 76808 | 39.59 | ng | # | 90 |
| 24) Nitrobenzene | 9.71 | 77 | 64176 | 39.16 | ng | # | 90 |
| 25) Isophorone | 10.23 | 82 | 114179 | 37.18 | ng | | 99 |
| 26) 2-Nitrophenol | 10.42 | 139 | 24956 | 41.18 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.46 | 122 | 52691 | 46.03 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.70 | 93 | 66339 | 38.32 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.96 | 162 | 49073 | 49.64 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 11.18 | 180 | 48092 | 42.55 | ng | | 95 |
| 31) Naphthalene | 11.37 | 128 | 152676 | 39.93 | ng | | 98 |
| 32) Benzoic acid | 10.57 | 122 | 32091 | 40.78 | ng | | 95 |
| 33) 4-Chloroaniline | 11.48 | 127 | 9810 | 6.05 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.64 | 225 | 30908 | 45.25 | ng | | 90 |
| 35) Caprolactam | 12.24 | 113 | 21676m | 47.04 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.55 | 107 | 74779 | 49.32 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.94 | 142 | 120531 | 43.38 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.30 | 216 | 64119 | 41.83 | ng | | 96 |
| 40) Hexachlorocyclopentadiene | 13.28 | 237 | 82014 | 99.83 | ng | | 93 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.53 | 196 | 46721 | 47.17 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.61 | 196 | 54415 | 46.75 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.92 | 154 | 164476 | 40.36 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.98 | 162 | 124582 | 41.10 | ng | | 94 |
| 47) 2-Nitroaniline | 14.17 | 65 | 57629 | 42.35 | ng | | 95 |
| 48) Acenaphthylene | 14.82 | 152 | 208170 | 39.19 | ng | | 99 |
| 49) Dimethylphthalate | 14.53 | 163 | 192072 | 44.88 | ng | # | 95 |
| 50) 2,6-Dinitrotoluene | 14.65 | 165 | 42508 | 45.78 | ng | | 98 |
| 51) Acenaphthene | 15.15 | 154 | 171885 | 46.45 | ng | | 99 |
| 52) 3-Nitroaniline | 14.99 | 138 | 14880 | 15.18 | ng | # | 80 |
| 53) 2,4-Dinitrophenol | 15.19 | 184 | 53031 | 101.04 | ng | # | 83 |
| 54) Dibenzofuran | 15.49 | 168 | 218191 | 45.27 | ng | | 98 |
| 55) 4-Nitrophenol | 15.28 | 139 | 76148 | 92.79 | ng | # | 87 |
| 56) 2,4-Dinitrotoluene | 15.44 | 165 | 67742 | 51.45 | ng | # | 98 |
| 57) Fluorene | 16.13 | 166 | 192271 | 42.12 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.70 | 232 | 57278 | 55.89 | ng | | 92 |
| 59) Diethylphthalate | 15.88 | 149 | 217915 | 46.67 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 16.11 | 204 | 100850 | 44.89 | ng | | 95 |
| 61) 4-Nitroaniline | 16.15 | 138 | 49586 | 46.11 | ng | | 88 |
| 62) Azobenzene | 16.41 | 77 | 217657 | 45.46 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 16.20 | 198 | 39425 | 42.32 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 16.33 | 169 | 179376 | 39.89 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 17.01 | 248 | 68592 | 42.51 | ng | # | 89 |
| 67) Hexachlorobenzene | 17.14 | 284 | 72847 | 42.25 | ng | | 96 |
| 68) Atrazine | 17.27 | 200 | 73620 | 44.69 | ng | | 98 |
| 69) Pentachlorophenol | 17.48 | 266 | 96747 | 90.34 | ng | | 97 |
| 70) Phenanthrene | 17.88 | 178 | 346356 | 41.50 | ng | | 94 |
| 71) Anthracene | 17.97 | 178 | 345683 | 41.14 | ng | | 97 |
| 72) Carbazole | 18.24 | 167 | 309263 | 37.78 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.76 | 149 | 394332 | 42.99 | ng | | 96 |
| 74) Fluoranthene | 19.87 | 202 | 415661 | 42.75 | ng | | 94 |
| 76) Benzidine | 20.04 | 184 | 98212 | 22.76 | ng | | 98 |
| 77) Pyrene | 20.23 | 202 | 430040 | 40.23 | ng | | 95 |
| 79) Butylbenzylphthalate | 21.11 | 149 | 184507 | 41.35 | ng | | 94 |
| 80) Benzo(a)anthracene | 22.18 | 228 | 434667 | 41.20 | ng | | 93 |
| 81) 3,3'-Dichlorobenzidine | 22.08 | 252 | 81012 | 21.24 | ng | # | 98 |
| 82) Chrysene | 22.26 | 228 | 403739 | 40.38 | ng | | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 22.04 | 149 | 264095 | 40.38 | ng | | 97 |
| 84) Di-n-octyl phthalate | 23.39 | 149 | 455868 | 41.91 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 30.03 | 276 | 498828 | 43.78 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 24.68 | 252 | 433465 | 41.41 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 24.76 | 252 | 431889 | 42.18 | ng | # | 93 |
| 89) Benzo(a)pyrene | 25.67 | 252 | 416358 | 42.15 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 30.10 | 278 | 424480 | 42.19 | ng | # | 97 |
| 91) Benzo(g,h,i)perylene | 31.35 | 276 | 411544 | 42.11 | ng | # | 94 |

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

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