Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025568.D
Acq On : 21 Jan 2017 11:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/23/2017 5:00:09 PM

Quant Time: Jan 23 02:26:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 64412 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 11.00 | 136 | 276928 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 14.81 | 164 | 220516 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 17.55 | 188 | 502750 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 21.85 | 240 | 736192 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 25.22 | 264 | 804611 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 302078 | 85.24 | ng | | -0.02 |
| 7) Phenol-d6 | 7.34 | 99 | 434150 | 86.99 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.36 | 82 | 524454 | 83.66 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 270596 | 76.22 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.43 | 172 | 1107576 | 81.32 | ng | | -0.02 |
| 78) Terphenyl-d14 | 20.14 | 244 | 2068110 | 74.48 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 69945 | 46.26 | ng | | 91 |
| 3) Pyridine | 3.97 | 79 | 193247 | 44.09 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.88 | 42 | 115653 | 44.45 | ng | # | 90 |
| 6) Aniline | 7.50 | 93 | 292069 | 43.19 | ng | | 98 |
| 8) 2-Chlorophenol | 7.74 | 128 | 165167 | 41.32 | ng | | 96 |
| 9) Benzaldehyde | 7.32 | 77 | 140823 | 38.56 | ng | | 95 |
| 10) Phenol | 7.37 | 94 | 236087 | 42.67 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.59 | 93 | 176695 | 41.45 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.06 | 146 | 198071 | 40.95 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.21 | 146 | 208560 | 41.60 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.54 | 146 | 194128 | 40.58 | ng | | 93 |
| 15) Benzyl Alcohol | 8.43 | 79 | 213684 | 44.85 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70 | 45 | 364584 | 46.18 | ng | | 97 |
| 17) 2-Methylphenol | 8.63 | 107 | 158888 | 43.73 | ng | | 92 |
| 18) Hexachloroethane | 9.26 | 117 | 80583 | 41.85 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.98 | 70 | 186017 | 44.13 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.96 | 107 | 220998 | 43.95 | ng | | 97 |
| 22) Acetophenone | 9.01 | 105 | 313610 | 40.76 | ng | # | 95 |
| 24) Nitrobenzene | 9.41 | 77 | 285890 | 41.58 | ng | | 97 |
| 25) Isophorone | 9.92 | 82 | 486884 | 42.90 | ng | # | 96 |
| 26) 2-Nitrophenol | 10.12 | 139 | 103659 | 39.42 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 10.16 | 122 | 173967 | 40.24 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93 | 241401 | 40.96 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.66 | 162 | 192438 | 41.60 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.86 | 180 | 222195 | 39.76 | ng | | 95 |
| 31) Naphthalene | 11.06 | 128 | 568970 | 41.14 | ng | | 98 |
| 32) Benzoic acid | 10.32 | 122 | 120298 | 34.60 | ng | | 92 |
| 33) 4-Chloroaniline | 11.18 | 127 | 245907 | 42.28 | ng | # | 95 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 173767 | 38.09 | ng | | 95 |
| 35) Caprolactam | 11.94 | 113 | 67764 | 38.98 | ng | # | 88 |
| 36) 4-Chloro-3-methylphenol | 12.29 | 107 | 226055 | 39.59 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.65 | 142 | 430544 | 42.01 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.01 | 216 | 299144 | 41.09 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.97 | 237 | 98046 | 41.46 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.26 | 196 | 182413 | 39.79 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 13.34 | 196 | 184649 | 38.48 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.64 | 154 | 607188 | 40.94 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.70 | 162 | 477325 | 41.19 | ng | | 96 |
| 47) 2-Nitroaniline | 13.91 | 65 | 215188 | 44.00 | ng | | 97 |
| 48) Acenaphthylene | 14.54 | 152 | 742916 | 41.37 | ng | | 95 |
| 49) Dimethylphthalate | 14.25 | 163 | 655171 | 40.75 | ng | | 96 |
| 50) 2,6-Dinitrotoluene | 14.40 | 165 | 146633 | 41.75 | ng | | 96 |
| 51) Acenaphthene | 14.87 | 154 | 479166 | 40.79 | ng | | 98 |
| 52) 3-Nitroaniline | 14.73 | 138 | 144102 | 42.68 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 14.96 | 184 | 86395 | 40.21 | ng | | 93 |
| 54) Dibenzofuran | 15.21 | 168 | 753033 | 40.55 | ng | | 96 |
| 55) 4-Nitrophenol | 15.06 | 139 | 98092 | 38.90 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 15.19 | 165 | 208377 | 40.75 | ng | # | 89 |
| 57) Fluorene | 15.85 | 166 | 634631 | 40.82 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.43 | 232 | 188074 | 36.59 | ng | | 97 |
| 59) Diethylphthalate | 15.60 | 149 | 692368 | 41.07 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204 | 352193 | 39.97 | ng | | 98 |
| 61) 4-Nitroaniline | 15.90 | 138 | 146086 | 43.00 | ng | # | 80 |
| 62) Azobenzene | 16.13 | 77 | 707315 | 43.51 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.95 | 198 | 145592 | 41.82 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 16.05 | 169 | 569308 | 41.89 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.73 | 248 | 259187 | 41.79 | ng | | 97 |
| 67) Hexachlorobenzene | 16.86 | 284 | 289277 | 40.64 | ng | # | 90 |
| 68) Atrazine | 16.99 | 200 | 193704 | 32.53 | ng | | 100 |
| 69) Pentachlorophenol | 17.21 | 266 | 127432 | 34.54 | ng | | 93 |
| 70) Phenanthrene | 17.60 | 178 | 1065568 | 41.13 | ng | | 95 |
| 71) Anthracene | 17.69 | 178 | 1083925 | 41.18 | ng | | 98 |
| 72) Carbazole | 17.97 | 167 | 989146 | 42.01 | ng | | 95 |
| 73) Di-n-butylphthalate | 18.48 | 149 | 1211983 | 41.84 | ng | | 96 |
| 74) Fluoranthene | 19.59 | 202 | 1472733 | 43.04 | ng | | 95 |
| 76) Benzidine | 19.78 | 184 | 578162 | 31.48 | ng | | 98 |
| 77) Pyrene | 19.96 | 202 | 1503934 | 39.09 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.81 | 149 | 625127 | 40.46 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.82 | 228 | 1662015 | 40.47 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.73 | 252 | 666040 | 41.76 | ng | | 100 |
| 82) Chrysene | 21.89 | 228 | 1594133 | 40.48 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 910656 | 42.36 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 22.91 | 149 | 1561619 | 43.75 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 29.13 | 276 | 2186358 | 43.68 | ng | # | 96 |
| 87) Benzo(b)fluoranthene | 24.14 | 252 | 1792568m | 40.83 | ng | | |
| 88) Benzo(k)fluoranthene | 24.21 | 252 | 1721656 | 40.61 | ng | | 98 |
| 89) Benzo(a)pyrene | 25.07 | 252 | 1742384 | 41.09 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 29.17 | 278 | 1865521 | 41.51 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 30.36 | 276 | 1841550 | 41.24 | ng | | 99 |

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

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