Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095918.D
Acq On : 14 Jun 2017 5:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Jun 14 08:19:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) | |
|---|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.35 | 152 | 74258 | 20.00 | ng | | -0.05 | |
| 21) Naphthalene-d8 | 9.39 | 136 | 281085 | 20.00 | ng | | -0.05 | |
| 38) Acenaphthene-d10 | 12.20 | 164 | 111260 | 20.00 | ng | | -0.05 | |
| 63) Phenanthrene-d10 | 14.60 | 188 | 174440 | 20.00 | ng | | -0.05 | |
| 75) Chrysene-d12 | 18.32 | 240 | 141872 | 20.00 | ng | | -0.04 | |
| 86) Perylene-d12 | 19.99 | 264 | 103477 | 20.00 | ng | | -0.03 | mohammad |
| **System Monitoring Compounds** | | | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 410542 | 88.10 | ng | | -0.05 | |
| 7) Phenol-d6 | 6.92 | 99 | 468635 | 84.00 | ng | | -0.04 | |
| 23) Nitrobenzene-d5 | 8.28 | 82 | 382981 | 84.62 | ng | | -0.04 | 6/14/2017 4:25:30 PM |
| 41) 2,4,6-Tribromophenol | 13.50 | 330 | 72898 | 74.05 | ng | | -0.05 | |
| 44) 2-Fluorobiphenyl | 11.17 | 172 | 689793 | 86.28 | ng | | -0.05 | |
| 78) Terphenyl-d14 | 16.97 | 244 | 504614 | 88.27 | ng | | -0.04 | |
| **Target Compounds** | | | | | | | Qvalue | |
| 2) 1,4-Dioxane | 1.65 | 88 | 88180 | 39.78 | ng | | 94 | |
| 3) Pyridine | 2.19 | 79 | 221327 | 42.48 | ng | | 99 | |
| 4) n-Nitrosodimethylamine | 2.17 | 42 | 83294 | 42.05 | ng | | 79 | |
| 6) Aniline | 6.85 | 93 | 298034 | 40.83 | ng | | 95 | |
| 8) 2-Chlorophenol | 7.04 | 128 | 207474 | 41.87 | ng | | 94 | |
| 9) Benzaldehyde | 6.66 | 77 | 145085 | 38.55 | ng | | 98 | |
| 10) Phenol | 6.94 | 94 | 241980 | 41.81 | ng | | 92 | |
| 11) bis(2-Chloroethyl)ether | 7.00 | 93 | 196111 | 42.78 | ng | | 97 | |
| 12) 1,3-Dichlorobenzene | 7.25 | 146 | 228308 | 40.71 | ng | | 99 | |
| 13) 1,4-Dichlorobenzene | 7.38 | 146 | 238152 | 41.87 | ng | | 97 | |
| 14) 1,2-Dichlorobenzene | 7.62 | 146 | 216397 | 41.27 | ng | | 94 | |
| 15) Benzyl Alcohol | 7.66 | 79 | 153069 | 39.97 | ng | | 96 | |
| 16) 2,2'-oxybis(1-Chloropropan | 7.85 | 45 | 265388 | 41.20 | ng | | 97 | |
| 17) 2-Methylphenol | 7.89 | 107 | 172246 | 41.42 | ng | | 95 | |
| 18) Hexachloroethane | 8.13 | 117 | 60129 | 32.01 | ng | # | 85 | |
| 19) n-Nitroso-di-n-propylamine | 8.09 | 70 | 143996 | 40.73 | ng | | 93 | |
| 20) 3+4-Methylphenols | 8.15 | 107 | 224846 | 42.60 | ng | # | 56 | |
| 22) Acetophenone | 8.05 | 105 | 283686 | 43.12 | ng | # | 84 | |
| 24) Nitrobenzene | 8.30 | 77 | 207960 | 43.01 | ng | | 93 | |
| 25) Isophorone | 8.71 | 82 | 345815 | 40.92 | ng | # | 94 | |
| 26) 2-Nitrophenol | 8.82 | 139 | 86440 | 34.14 | ng | | 99 | |
| 27) 2,4-Dimethylphenol | 8.97 | 122 | 168801 | 42.96 | ng | | 96 | |
| 28) bis(2-Chloroethoxy)methane | 9.09 | 93 | 238584 | 42.83 | ng | | 99 | |
| 29) 2,4-Dichlorophenol | 9.25 | 162 | 152756 | 40.37 | ng | | 95 | |
| 30) 1,2,4-Trichlorobenzene | 9.32 | 180 | 163162 | 41.44 | ng | | 99 | |
| 31) Naphthalene | 9.42 | 128 | 577469 | 40.94 | ng | | 99 | |
| 32) Benzoic acid | 9.31 | 122 | 59143m | 26.64 | ng | | | |
| 33) 4-Chloroaniline | 9.57 | 127 | 226325 | 41.05 | ng | # | 93 | |
| 34) Hexachlorobutadiene | 9.64 | 225 | 87248 | 42.89 | ng | | 97 | |
| 35) Caprolactam | 10.22 | 113 | 45132 | 40.08 | ng | | 88 | |
| 36) 4-Chloro-3-methylphenol | 10.45 | 107 | 153086 | 38.65 | ng | | 91 | |
| 37) 2-Methylnaphthalene | 10.55 | 142 | 372288 | 39.06 | ng | | 98 | |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.83 | 216 | 144904 | 43.52 | ng | | 98 | |
| 42) 2,4,6-Trichlorophenol | 11.06 | 196 | 90432 | 42.24 | ng | | 97 | |

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**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

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Quant Time: Jun 14 08:19:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) | |
|---|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 11.16 | 196 | 90053 | 39.55 | ng | | 94 | |
| 45) 1,1'-Biphenyl | 11.32 | 154 | 397590 | 43.36 | ng | | 98 | |
| 46) 2-Chloronaphthalene | 11.33 | 162 | 303456 | 42.35 | ng | | 96 | |
| 47) 2-Nitroaniline | 11.55 | 65 | 92732 | 44.23 | ng | # | 82 | |
| 48) Acenaphthylene | 11.98 | 152 | 482921 | 39.42 | ng | | 99 | |
| 49) Dimethylphthalate | 11.87 | 163 | 364156 | 43.11 | ng | | 100 | mohammad |
| 50) 2,6-Dinitrotoluene | 11.96 | 165 | 67570 | 36.67 | ng | # | 78 | |
| 51) Acenaphthene | 12.26 | 154 | 276015 | 39.01 | ng | | 98 | |
| 52) 3-Nitroaniline | 12.23 | 138 | 93242 | 43.43 | ng | | 91 | |
| 54) Dibenzofuran | 12.55 | 168 | 389482 | 39.11 | ng | | 98 | |
| 55) 4-Nitrophenol | 12.69 | 139 | 39831 | 34.57 | ng | # | 80 | 6/14/2017 4:25:30 PM |
| 56) 2,4-Dinitrotoluene | 12.64 | 165 | 84486 | 33.95 | ng | # | 88 | |
| 57) Fluorene | 13.10 | 166 | 328942 | 37.96 | ng | | 100 | |
| 58) 2,3,4,6-Tetrachlorophenol | 12.80 | 232 | 58711 | 37.68 | ng | # | 91 | |
| 59) Diethylphthalate | 13.01 | 149 | 337859 | 41.56 | ng | | 99 | |
| 60) 4-Chlorophenyl-phenylether | 13.13 | 204 | 147185 | 39.05 | ng | | 92 | |
| 61) 4-Nitroaniline | 13.23 | 138 | 88787 | 44.30 | ng | | 96 | |
| 62) Azobenzene | 13.39 | 77 | 267784 | 36.34 | ng | | 93 | |
| 64) 4,6-Dinitro-2-methylphenol | 13.35 | 198 | 2955 | 2.58 | ng | # | 1 | |
| 65) n-Nitrosodiphenylamine | 13.34 | 169 | 270665 | 43.18 | ng | | 99 | |
| 66) 4-Bromophenyl-phenylether | 13.91 | 248 | 76747 | 42.33 | ng | | 96 | |
| 67) Hexachlorobenzene | 14.00 | 284 | 74184 | 41.53 | ng | # | 92 | |
| 68) Atrazine | 14.26 | 200 | 67631 | 38.77 | ng | | 97 | |
| 69) Pentachlorophenol | 14.37 | 266 | 18136 | 31.17 | ng | | 93 | |
| 70) Phenanthrene | 14.64 | 178 | 419365 | 41.67 | ng | | 97 | |
| 71) Anthracene | 14.73 | 178 | 437304 | 41.62 | ng | | 97 | |
| 72) Carbazole | 15.03 | 167 | 443060 | 43.27 | ng | | 97 | |
| 73) Di-n-butylphthalate | 15.62 | 149 | 486993 | 44.70 | ng | # | 98 | |
| 74) Fluoranthene | 16.42 | 202 | 436381 | 43.80 | ng | | 99 | |
| 76) Benzidine | 16.66 | 184 | 229276 | 42.08 | ng | # | 92 | |
| 77) Pyrene | 16.72 | 202 | 455467 | 43.03 | ng | | 99 | |
| 79) Butylbenzylphthalate | 17.64 | 149 | 208722 | 45.15 | ng | | 88 | |
| 80) Benzo(a)anthracene | 18.31 | 228 | 343191 | 41.61 | ng | | 98 | |
| 81) 3,3'-Dichlorobenzidine | 18.30 | 252 | 134611 | 45.90 | ng | # | 94 | |
| 82) Chrysene | 18.36 | 228 | 338777 | 41.10 | ng | | 97 | |
| 83) Bis(2-ethylhexyl)phthalate | 18.40 | 149 | 294773 | 45.20 | ng | # | 99 | |
| 84) Di-n-octyl phthalate | 19.16 | 149 | 479459 | 44.62 | ng | | 96 | |
| 85) Indeno(1,2,3-cd)pyrene | 21.16 | 276 | 235527 | 33.39 | ng | | 100 | |
| 87) Benzo(b)fluoranthene | 19.59 | 252 | 262454 | 40.51 | ng | | 98 | |
| 88) Benzo(k)fluoranthene | 19.62 | 252 | 281289 | 45.42 | ng | | 96 | |
| 89) Benzo(a)pyrene | 19.94 | 252 | 247173 | 41.50 | ng | | 98 | |
| 90) Dibenzo(a,h)anthracene | 21.16 | 278 | 203247 | 40.23 | ng | | 98 | |
| 91) Benzo(g,h,i)perylene | 21.49 | 276 | 200708 | 38.97 | ng | | 99 | |

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

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