Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100097.D
Acq On : 2 Nov 2017 20:50
Operator : SJ/JU
Sample : I6249-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-2MS

**Manual Integrations APPROVED**
Sohil
11/3/2017 1:23:24 PM

Quant Time: Nov 03 11:19:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 86750 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 350753 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.80 | 164 | 154746 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 239652 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.95 | 240 | 151432 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.41 | 264 | 155013 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 435798 | 78.87 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 500477 | 76.39 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.34 | 82 | 281139 | 51.60 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 101765 | 72.16 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.12 | 172 | 545205 | 54.36 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.87 | 244 | 362919 | 52.37 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 52613 | 21.562 | ng | # | 89 |
| 3) Pyridine | 3.29 | 79 | 116161 | 19.796 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.23 | 42 | 44236 | 21.102 | ng | # | 65 |
| 6) Aniline | 6.44 | 93 | 122931 | 14.471 | ng | # | 70 |
| 8) 2-Chlorophenol | 6.56 | 128 | 157183 | 26.690 | ng | | 92 |
| 9) Benzaldehyde | 6.33 | 77 | 58913 | 15.048 | ng | | 94 |
| 10) Phenol | 6.43 | 94 | 200337 | 27.850 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 144315 | 25.980 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.71 | 146 | 167259m | 25.295 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.79 | 146 | 170665 | 25.431 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 160590 | 26.256 | ng | | 97 |
| 15) Benzyl Alcohol | 6.92 | 79 | 109010 | 26.162 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45 | 176949 | 28.676 | ng | # | 15 |
| 17) 2-Methylphenol | 7.04 | 107 | 125519 | 25.481 | ng | # | 94 |
| 18) Hexachloroethane | 7.27 | 117 | 51004 | 22.780 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70 | 98006 | 25.526 | ng | | 87 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 167529 | 29.207 | ng | | 95 |
| 22) Acetophenone | 7.19 | 105 | 208861 | 26.152 | ng | # | 92 |
| 24) Nitrobenzene | 7.36 | 77 | 142134 | 25.892 | ng | # | 87 |
| 25) Isophorone | 7.59 | 82 | 267891 | 27.098 | ng | | 97 |
| 26) 2-Nitrophenol | 7.68 | 139 | 82949 | 26.382 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 140042 | 30.230 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93 | 179854 | 25.977 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 132724 | 27.579 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.99 | 180 | 131222 | 25.520 | ng | | 99 |
| 31) Naphthalene | 8.07 | 128 | 438891 | 25.922 | ng | | 99 |
| 32) Benzoic acid | 7.84 | 122 | 16940 | 4.154 | ng | | 87 |
| 33) 4-Chloroaniline | 8.14 | 127 | 70490 | 10.082 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.18 | 225 | 65274 | 24.680 | ng | | 99 |
| 35) Caprolactam | 8.50 | 113 | 39559 | 26.139 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 127419 | 25.941 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.76 | 142 | 298777 | 26.333 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 121299 | 24.270 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 8.91 | 237 | 686 | 10.831 | ng | | 82 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 81984 | 27.119 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 86420 | 26.938 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.23 | 154 | 346782 | 24.772 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.26 | 162 | 268918 | 26.451 | ng | | 95 |
| 47) 2-Nitroaniline | 9.37 | 65 | 69265 | 25.958 | ng | # | 75 |
| 48) Acenaphthylene | 9.67 | 152 | 393759 | 25.146 | ng | | 99 |
| 49) Dimethylphthalate | 9.53 | 163 | 408588 | 33.342 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.60 | 165 | 66205 | 25.699 | ng | | 90 |
| 51) Acenaphthene | 9.84 | 154 | 234784 | 24.539 | ng | | 99 |
| 52) 3-Nitroaniline | 9.78 | 138 | 55059 | 18.138 | ng | # | 90 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 4748 | 10.093 | ng | # | 81 |
| 54) Dibenzofuran | 10.02 | 168 | 353484 | 26.173 | ng | | 96 |
| 55) 4-Nitrophenol | 9.97 | 139 | 68978m | 43.490 | ng | | |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 85617 | 27.596 | ng | # | 83 |
| 57) Fluorene | 10.36 | 166 | 283130 | 25.320 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 64074 | 28.486 | ng | # | 88 |
| 59) Diethylphthalate | 10.23 | 149 | 298606 | 24.952 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204 | 129144 | 24.540 | ng | | 91 |
| 61) 4-Nitroaniline | 10.40 | 138 | 62394 | 21.544 | ng | | 85 |
| 62) Azobenzene | 10.50 | 77 | 245163 | 24.439 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 11451 | 7.601 | ng | # | 73 |
| 65) n-Nitrosodiphenylamine | 10.47 | 169 | 248473 | 28.087 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.83 | 248 | 71662 | 28.404 | ng | | 90 |
| 67) Hexachlorobenzene | 10.91 | 284 | 69354 | 26.870 | ng | # | 88 |
| 68) Atrazine | 10.99 | 200 | 74162 | 27.908 | ng | | 98 |
| 69) Pentachlorophenol | 11.12 | 266 | 50404 | 45.701 | ng | | 98 |
| 70) Phenanthrene | 11.32 | 178 | 358152 | 26.481 | ng | | 98 |
| 71) Anthracene | 11.37 | 178 | 365609 | 26.632 | ng | | 98 |
| 72) Carbazole | 11.54 | 167 | 333385 | 25.824 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.84 | 149 | 438604 | 26.636 | ng | # | 98 |
| 74) Fluoranthene | 12.52 | 202 | 321587 | 22.880 | ng | | 98 |
| 76) Benzidine | 12.64 | 184 | 155604 | 23.483 | ng | | 98 |
| 77) Pyrene | 12.74 | 202 | 319193 | 27.720 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.34 | 149 | 145078 | 25.586 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.94 | 228 | 246763 | 25.705 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.89 | 252 | 80328 | 23.052 | ng | | 99 |
| 82) Chrysene | 13.97 | 228 | 237622 | 26.329 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.90 | 149 | 193639 | 24.318 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.51 | 149 | 323104 | 23.641 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 16.87 | 276 | 220033 | 26.557 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 246013 | 25.133 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 235339 | 25.497 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.35 | 252 | 232150 | 26.403 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 188603 | 24.140 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.32 | 276 | 173468 | 22.694 | ng | | 96 |

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

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