Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097026.D
Acq On : 25 Jul 2017 13:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
7/26/2017 5:54:19 PM

Quant Time: Jul 25 15:01:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.50 | 152 | 152481 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.79 | 136 | 597781 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.53 | 164 | 256637 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.00 | 188 | 414507 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.63 | 240 | 270178 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 14.97 | 264 | 273342 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.10 | 112 | 756755 | 74.82 | ng | | 0.00 |
| 7) Phenol-d6 | 6.17 | 99 | 889583 | 77.04 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.07 | 82 | 849002 | 83.32 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.32 | 330 | 154618 | 76.25 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.87 | 172 | 1161759 | 76.83 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.59 | 244 | 1015550 | 76.64 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.04 | 88 | 149865 | 35.504 | ng | # | 74 |
| 3) Pyridine | 2.66 | 79 | 481436 | 37.248 | ng | # | 69 |
| 4) n-Nitrosodimethylamine | 2.62 | 42 | 264872 | 36.990 | ng | | 86 |
| 6) Aniline | 6.16 | 93 | 559821 | 38.526 | ng | # | 80 |
| 8) 2-Chlorophenol | 6.29 | 128 | 422484 | 39.062 | ng | | 95 |
| 9) Benzaldehyde | 6.05 | 77 | 272226 | 39.828 | ng | | 98 |
| 10) Phenol | 6.18 | 94 | 549923 | 40.149 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.25 | 93 | 440602 | 40.672 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.44 | 146 | 440710 | 37.811 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.52 | 146 | 443289m | 38.377 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.67 | 146 | 383085 | 37.983 | ng | | 97 |
| 15) Benzyl Alcohol | 6.66 | 79 | 273550 | 37.417 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.79 | 45 | 857571 | 39.469 | ng | | 84 |
| 17) 2-Methylphenol | 6.79 | 107 | 318011 | 38.097 | ng | # | 91 |
| 18) Hexachloroethane | 7.01 | 117 | 166480 | 39.395 | ng | # | 79 |
| 19) n-Nitroso-di-n-propylamine | 6.93 | 70 | 295731 | 38.908 | ng | # | 83 |
| 20) 3+4-Methylphenols | 6.95 | 107 | 423415 | 38.837 | ng | # | 62 |
| 22) Acetophenone | 6.92 | 105 | 579052 | 40.337 | ng | | 99 |
| 24) Nitrobenzene | 7.09 | 77 | 445529 | 41.981 | ng | | 96 |
| 25) Isophorone | 7.34 | 82 | 757817 | 37.975 | ng | | 97 |
| 26) 2-Nitrophenol | 7.41 | 139 | 227838 | 39.682 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.47 | 122 | 353251 | 37.297 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.55 | 93 | 483732 | 37.145 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.66 | 162 | 322906 | 39.575 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.73 | 180 | 289066 | 37.168 | ng | | 96 |
| 31) Naphthalene | 7.81 | 128 | 1062119 | 37.692 | ng | | 99 |
| 32) Benzoic acid | 7.63 | 122 | 271638 | 38.408 | ng | | 93 |
| 33) 4-Chloroaniline | 7.86 | 127 | 438717 | 38.263 | ng | | 99 |
| 34) Hexachlorobutadiene | 7.93 | 225 | 155616 | 37.743 | ng | | 97 |
| 35) Caprolactam | 8.25 | 113 | 101667 | 38.858 | ng | # | 47 |
| 36) 4-Chloro-3-methylphenol | 8.37 | 107 | 348972 | 39.203 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.50 | 142 | 655592 | 36.746 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.67 | 216 | 261465 | 38.183 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 8.66 | 237 | 81032 | 37.643 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.79 | 196 | 192963 | 38.885 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.83 | 196 | 191348 | 38.524 | ng | | 99 |
| 45) 1,1'-Biphenyl | 8.96 | 154 | 822990 | 37.545 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.99 | 162 | 605128 | 37.514 | ng | | 94 |
| 47) 2-Nitroaniline | 9.09 | 65 | 244428 | 41.753 | ng | | 98 |
| 48) Acenaphthylene | 9.39 | 152 | 938338 | 37.898 | ng | | 99 |
| 49) Dimethylphthalate | 9.27 | 163 | 743903 | 38.171 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.33 | 165 | 161532 | 39.080 | ng | # | 81 |
| 51) Acenaphthene | 9.56 | 154 | 554220 | 38.001 | ng | | 100 |
| 52) 3-Nitroaniline | 9.50 | 138 | 200770 | 39.132 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.61 | 184 | 77326 | 41.145 | ng | # | 74 |
| 54) Dibenzofuran | 9.74 | 168 | 712174 | 36.661 | ng | | 99 |
| 55) 4-Nitrophenol | 9.68 | 139 | 118825 | 38.945 | ng | # | 63 |
| 56) 2,4-Dinitrotoluene | 9.73 | 165 | 178495 | 37.565 | ng | # | 48 |
| 57) Fluorene | 10.08 | 166 | 577911 | 39.582 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.86 | 232 | 129337 | 37.713 | ng | | 100 |
| 59) Diethylphthalate | 9.97 | 149 | 722973 | 40.436 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.07 | 204 | 238105 | 39.492 | ng | | 95 |
| 61) 4-Nitroaniline | 10.11 | 138 | 201395 | 41.312 | ng | | 92 |
| 62) Azobenzene | 10.23 | 77 | 643159 | 38.776 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.15 | 198 | 114618 | 44.500 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 10.20 | 169 | 558581 | 38.730 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.56 | 248 | 163439 | 39.510 | ng | | 95 |
| 67) Hexachlorobenzene | 10.63 | 284 | 177244 | 38.209 | ng | # | 90 |
| 68) Atrazine | 10.73 | 200 | 158438 | 38.310 | ng | | 92 |
| 69) Pentachlorophenol | 10.82 | 266 | 74340 | 38.732 | ng | | 98 |
| 70) Phenanthrene | 11.03 | 178 | 840112 | 37.827 | ng | | 99 |
| 71) Anthracene | 11.08 | 178 | 846333 | 37.206 | ng | | 99 |
| 72) Carbazole | 11.24 | 167 | 851190 | 38.048 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.58 | 149 | 1084158 | 39.205 | ng | | 99 |
| 74) Fluoranthene | 12.21 | 202 | 826420 | 37.983 | ng | | 99 |
| 76) Benzidine | 12.33 | 184 | 419295 | 41.825 | ng | | 97 |
| 77) Pyrene | 12.43 | 202 | 841914 | 38.064 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.07 | 149 | 451040 | 40.088 | ng | # | 82 |
| 80) Benzo(a)anthracene | 13.62 | 228 | 677547 | 38.758 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.59 | 252 | 258305 | 39.182 | ng | | 97 |
| 82) Chrysene | 13.66 | 228 | 673656 | 39.464 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149 | 573096 | 39.012 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.24 | 149 | 1040086 | 38.581 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.20 | 276 | 565102 | 38.607 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.62 | 252 | 627920 | 38.215 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.64 | 252 | 586511 | 37.459 | ng | | 98 |
| 89) Benzo(a)pyrene | 14.92 | 252 | 571286m | 37.989 | ng | | |
| 90) Dibenzo(a,h)anthracene | 16.22 | 278 | 447781 | 36.310 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 16.57 | 276 | 477780 | 36.945 | ng | | 96 |

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

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