Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103826.D
Acq On : 21 Mar 2018 2:58
Operator : JU/SJ
Sample : PB107522BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107522BS

Manual Integrations APPROVED
Sohil
3/22/2018 12:58:00 PM

Quant Time: Mar 21 04:46:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 151996 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 640312 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 271516 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 474465 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 14.17 | 240 | 305171 | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 15.72 | 264 | 288505 | 20.00 | ng | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 1136970 | 113.77 | ng | | 0.02 |
| 7) Phenol-d6 | 6.60 | 99 | 1449639 | 118.57 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 823671 | 89.71 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 327713 | 140.38 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 9.33 | 172 | 1482176 | 87.08 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.10 | 244 | 1203259 | 91.52 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.90 | 88 | 171086 | 34.769 | ng | # | 89 |
| 3) Pyridine | 3.66 | 79 | 485452 | 35.868 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 178578 | 35.785 | ng | # | 73 |
| 6) Aniline | 6.63 | 93 | 263570 | 15.098 | ng | | 97 |
| 8) 2-Chlorophenol | 6.76 | 128 | 437063 | 41.750 | ng | | 97 |
| 9) Benzaldehyde | 6.52 | 77 | 138842 | 17.286 | ng | | 98 |
| 10) Phenol | 6.61 | 94 | 525321 | 40.436 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 415107 | 38.706 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.92 | 146 | 438621 | 36.788 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 443468 | 37.014 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.15 | 146 | 399579 | 35.941 | ng | | 97 |
| 15) Benzyl Alcohol | 7.11 | 79 | 344606 | 36.379 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 501750 | 32.893 | ng | | 93 |
| 17) 2-Methylphenol | 7.22 | 107 | 344015 | 36.902 | ng | | 98 |
| 18) Hexachloroethane | 7.48 | 117 | 149052 | 35.368 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70 | 266848 | 34.057 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.37 | 107 | 422945 | 35.749 | ng | | 90 |
| 22) Acetophenone | 7.38 | 105 | 536642 | 32.610 | ng | # | 93 |
| 24) Nitrobenzene | 7.56 | 77 | 409014 | 37.943 | ng | | 95 |
| 25) Isophorone | 7.79 | 82 | 766842 | 36.077 | ng | | 98 |
| 26) 2-Nitrophenol | 7.87 | 139 | 216548 | 51.855 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 411117 | 45.148 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93 | 524567 | 40.755 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.11 | 162 | 355021 | 42.854 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 360300 | 37.497 | ng | | 99 |
| 31) Naphthalene | 8.28 | 128 | 1215282 | 37.572 | ng | | 99 |
| 32) Benzoic acid | 8.00 | 122 | 203297 | 35.017 | ng | | 95 |
| 33) 4-Chloroaniline | 8.32 | 127 | 110712 | 8.159 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 192342 | 36.510 | ng | | 99 |
| 35) Caprolactam | 8.70 | 113 | 118060m | 41.386 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.80 | 107 | 385638 | 42.225 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.97 | 142 | 801616 | 39.080 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 331830 | 42.839 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 163544 | 40.917 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.25 | 196 | 236457 | 47.725 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.29 | 196 | 248755 | 44.483 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.43 | 154 | 884901 | 39.085 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.46 | 162 | 700451 | 38.952 | ng | | 98 |
| 47) 2-Nitroaniline | 9.56 | 65 | 210412 | 45.193 | ng | | 93 |
| 48) Acenaphthylene | 9.88 | 152 | 1069006 | 38.336 | ng | | 100 |
| 49) Dimethylphthalate | 9.73 | 163 | 834773 | 40.298 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.80 | 165 | 186278 | 46.611 | ng | | 90 |
| 51) Acenaphthene | 10.05 | 154 | 666235 | 40.238 | ng | | 99 |
| 52) 3-Nitroaniline | 9.96 | 138 | 92100 | 21.467 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.07 | 184 | 78449 | 70.034 | ng | # | 16 |
| 54) Dibenzofuran | 10.23 | 168 | 945402 | 39.979 | ng | | 99 |
| 55) 4-Nitrophenol | 10.13 | 139 | 317556 | 83.499 | ng | | 88 |
| 56) 2,4-Dinitrotoluene | 10.20 | 165 | 242698 | 47.831 | ng | # | 91 |
| 57) Fluorene | 10.57 | 166 | 753066 | 41.039 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.34 | 232 | 190352 | 48.038 | ng | | 95 |
| 59) Diethylphthalate | 10.43 | 149 | 839700 | 40.841 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204 | 351539 | 41.919 | ng | | 96 |
| 61) 4-Nitroaniline | 10.59 | 138 | 182055 | 40.059 | ng | | 93 |
| 62) Azobenzene | 10.72 | 77 | 793947 | 37.982 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 66576 | 41.243 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.67 | 169 | 691568 | 42.822 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 11.05 | 248 | 212442 | 43.609 | ng | # | 87 |
| 67) Hexachlorobenzene | 11.12 | 284 | 222220 | 39.967 | ng | | 95 |
| 68) Atrazine | 11.20 | 200 | 214938 | 43.023 | ng | | 99 |
| 69) Pentachlorophenol | 11.31 | 266 | 219052 | 68.528 | ng | | 97 |
| 70) Phenanthrene | 11.54 | 178 | 994555 | 38.319 | ng | | 99 |
| 71) Anthracene | 11.59 | 178 | 1044409 | 39.620 | ng | | 100 |
| 72) Carbazole | 11.74 | 167 | 968616 | 37.805 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.06 | 149 | 1249144 | 40.632 | ng | | 100 |
| 74) Fluoranthene | 12.73 | 202 | 908202 | 33.966 | ng | | 99 |
| 76) Benzidine | 12.84 | 184 | 462316 | 35.520 | ng | | 99 |
| 77) Pyrene | 12.96 | 202 | 889356 | 39.683 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.57 | 149 | 451881 | 45.509 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.16 | 228 | 784679 | 40.621 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.12 | 252 | 237351 | 36.733 | ng | | 97 |
| 82) Chrysene | 14.20 | 228 | 724103 | 39.323 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.13 | 149 | 641622 | 45.232 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.76 | 149 | 1030791 | 49.949 | ng | | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 17.30 | 276 | 657886 | 40.911 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.26 | 252 | 728445 | 39.965 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.29 | 252 | 651385 | 37.177 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.65 | 252 | 684201 | 41.386 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.32 | 278 | 556825 | 38.898 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.79 | 276 | 533746 | 38.326 | ng | | 95 |

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

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