Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103700.D
Acq On : 16 Mar 2018 17:05
Operator : JU/SJ
Sample : PB107409BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107409BS

Manual Integrations APPROVED
Sohil
3/19/2018 2:00:53 PM

Quant Time: Mar 19 10:35:16 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 | 166834 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 684416 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 322422 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 594726 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.15 | 240 | 516888 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.67 | 264 | 478593 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 1306519 | 119.11 | ng | | 0.02 |
| 7) Phenol-d6 | 6.59 | 99 | 1619098 | 120.65 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 997091 | 101.59 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 377384 | 136.13 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.33 | 172 | 1652382 | 81.75 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.09 | 244 | 1718051 | 77.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.90 | 88 | 197064 | 36.486 | ng | | 93 |
| 3) Pyridine | 3.66 | 79 | 558102 | 37.568 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 240551 | 43.916 | ng | | 90 |
| 6) Aniline | 6.63 | 93 | 306943 | 16.018 | ng | | 98 |
| 8) 2-Chlorophenol | 6.75 | 128 | 487114 | 42.393 | ng | | 98 |
| 9) Benzaldehyde | 6.52 | 77 | 192785 | 21.867 | ng | | 98 |
| 10) Phenol | 6.60 | 94 | 594555 | 41.695 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 473751 | 40.245 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.91 | 146 | 500682 | 38.258 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 505642 | 38.450 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 465243 | 38.125 | ng | | 100 |
| 15) Benzyl Alcohol | 7.10 | 79 | 432158 | 41.564 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45 | 652914 | 38.996 | ng | | 96 |
| 17) 2-Methylphenol | 7.21 | 107 | 417041 | 40.757 | ng | | 98 |
| 18) Hexachloroethane | 7.48 | 117 | 188820 | 40.819 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 333686 | 38.800 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 511720 | 39.406 | ng | | 90 |
| 22) Acetophenone | 7.37 | 105 | 655317 | 37.255 | ng | # | 95 |
| 24) Nitrobenzene | 7.55 | 77 | 519196 | 45.061 | ng | | 97 |
| 25) Isophorone | 7.79 | 82 | 963899 | 42.426 | ng | | 99 |
| 26) 2-Nitrophenol | 7.86 | 139 | 254374 | 56.053 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 465697 | 47.847 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93 | 603488 | 43.866 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 396851 | 44.816 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 399751 | 38.922 | ng | | 99 |
| 31) Naphthalene | 8.27 | 128 | 1357577 | 39.267 | ng | | 99 |
| 32) Benzoic acid | 7.96 | 122 | 75082m | 18.582 | ng | | |
| 33) 4-Chloroaniline | 8.31 | 127 | 116596 | 8.039 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.38 | 225 | 214125 | 38.026 | ng | | 98 |
| 35) Caprolactam | 8.69 | 113 | 123689m | 40.565 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.79 | 107 | 436992 | 44.765 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 901598 | 41.122 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 354163 | 38.503 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 449568 | 94.718 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.23 | 196 | 273869 | 46.549 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.27 | 196 | 289012 | 43.522 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.43 | 154 | 1037062 | 38.574 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.45 | 162 | 833648 | 39.040 | ng | | 100 |
| 47) 2-Nitroaniline | 9.55 | 65 | 270253 | 48.325 | ng | | 98 |
| 48) Acenaphthylene | 9.87 | 152 | 1280341 | 38.666 | ng | | 99 |
| 49) Dimethylphthalate | 9.73 | 163 | 979494 | 39.818 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.79 | 165 | 219934 | 46.366 | ng | | 96 |
| 51) Acenaphthene | 10.05 | 154 | 809191 | 41.156 | ng | | 99 |
| 52) 3-Nitroaniline | 9.96 | 138 | 132726 | 25.238 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 10.06 | 184 | 105925 | 75.328 | ng | # | 23 |
| 54) Dibenzofuran | 10.22 | 168 | 1147421 | 40.861 | ng | | 98 |
| 55) 4-Nitrophenol | 10.12 | 139 | 421464 | 92.739 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.19 | 165 | 301658 | 49.774 | ng | | 97 |
| 57) Fluorene | 10.56 | 166 | 866550 | 39.768 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 228850 | 48.636 | ng | | 97 |
| 59) Diethylphthalate | 10.43 | 149 | 988068 | 40.469 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204 | 394700 | 39.635 | ng | | 99 |
| 61) 4-Nitroaniline | 10.58 | 138 | 252649 | 46.183 | ng | | 99 |
| 62) Azobenzene | 10.71 | 77 | 995336 | 40.098 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 101422 | 46.925 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.67 | 169 | 794890 | 39.267 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 244193 | 39.991 | ng | | 96 |
| 67) Hexachlorobenzene | 11.10 | 284 | 265656 | 38.118 | ng | | 97 |
| 68) Atrazine | 11.19 | 200 | 251575 | 40.174 | ng | | 99 |
| 69) Pentachlorophenol | 11.30 | 266 | 272742 | 68.070 | ng | | 97 |
| 70) Phenanthrene | 11.53 | 178 | 1269545 | 39.023 | ng | | 99 |
| 71) Anthracene | 11.57 | 178 | 1300531 | 39.360 | ng | | 100 |
| 72) Carbazole | 11.73 | 167 | 1254689 | 39.068 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.05 | 149 | 1549665 | 40.214 | ng | | 99 |
| 74) Fluoranthene | 12.72 | 202 | 1339178 | 39.956 | ng | | 100 |
| 76) Benzidine | 12.83 | 184 | 577488 | 26.195 | ng | | 99 |
| 77) Pyrene | 12.95 | 202 | 1337783 | 35.242 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.56 | 149 | 698864 | 41.554 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 1260933 | 38.538 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.10 | 252 | 167308 | 15.287 | ng | | 98 |
| 82) Chrysene | 14.18 | 228 | 1165359 | 37.364 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 957553 | 39.854 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.74 | 149 | 1609648 | 46.051 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.24 | 276 | 1052128 | 38.628 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.23 | 252 | 1179803 | 39.019 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.26 | 252 | 1115514 | 38.380 | ng | | 100 |
| 89) Benzo(a)pyrene | 15.62 | 252 | 1105469 | 40.309 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.26 | 278 | 879334 | 37.029 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.72 | 276 | 845478 | 36.597 | ng | | 95 |

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

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