Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022751.D
Acq On : 24 Sep 2019 15:48
Operator : JU
Sample : PB123301BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:18 AM

Quant Time: Sep 25 04:09:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 250134 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.62 | 136 | 1055769 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.46 | 164 | 658399 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.20 | 188 | 1355871 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.37 | 240 | 1350498 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.64 | 264 | 1298143 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1525546 | 96.73 | ng | | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 2006948 | 99.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.97 | 82 | 1069716 | 56.24 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.94 | 330 | 784611 | 95.46 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.08 | 172 | 2630028 | 55.01 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.82 | 244 | 4080183 | 58.50 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 217114 | 34.211 | ng | # | 100 |
| 3) Pyridine | 3.71 | 79 | 532386 | 31.827 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 227623 | 37.379 | ng | # | 96 |
| 6) Aniline | 7.15 | 93 | 752658 | 30.987 | ng | | 100 |
| 8) 2-Chlorophenol | 7.39 | 128 | 656311 | 40.843 | ng | | 99 |
| 9) Benzaldehyde | 6.96 | 77 | 338803 | 29.373 | ng | | 100 |
| 10) Phenol | 7.02 | 94 | 792506 | 41.555 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.25 | 93 | 583004 | 38.910 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.71 | 146 | 685358 | 35.685 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.86 | 146 | 701829 | 36.096 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.17 | 146 | 664188 | 35.831 | ng | | 99 |
| 15) Benzyl Alcohol | 8.06 | 79 | 520035 | 41.027 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 806292 | 37.044 | ng | | 99 |
| 17) 2-Methylphenol | 8.26 | 107 | 531119 | 42.075 | ng | | 99 |
| 18) Hexachloroethane | 8.90 | 117 | 249133 | 34.935 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.63 | 70 | 446693 | 39.489 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.59 | 107 | 712932 | 42.403 | ng | | 99 |
| 22) Acetophenone | 8.64 | 105 | 904322 | 34.701 | ng | # | 99 |
| 24) Nitrobenzene | 9.02 | 77 | 665647 | 36.579 | ng | | 99 |
| 25) Isophorone | 9.55 | 82 | 1222798 | 39.101 | ng | | 99 |
| 26) 2-Nitrophenol | 9.73 | 139 | 307667 | 39.164 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.79 | 122 | 607762 | 46.212 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93 | 807118 | 37.297 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.26 | 162 | 609507 | 40.991 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.48 | 180 | 641470 | 35.064 | ng | | 98 |
| 31) Naphthalene | 10.66 | 128 | 1942899 | 37.245 | ng | | 100 |
| 32) Benzoic acid | 9.93 | 122 | 344304 | 38.920 | ng | | 95 |
| 33) 4-Chloroaniline | 10.77 | 127 | 510555 | 22.541 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.96 | 225 | 364613 | 33.435 | ng | | 99 |
| 35) Caprolactam | 11.56 | 113 | 188426m | 42.745 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.89 | 107 | 621216 | 42.822 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.27 | 142 | 1427343 | 39.308 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.50 | 142 | 1332005 | 38.645 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 735763 | 32.980 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.64 | 237 | 959795 | 78.852 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.89 | 196 | 484207 | 37.605 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.96 | 196 | 524151 | 39.064 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.29 | 154 | 1835697 | 33.688 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.33 | 162 | 1395247 | 34.353 | ng | | 99 |
| 48) 2-Nitroaniline | 13.53 | 65 | 378052 | 35.747 | ng | | 97 |
| 49) Acenaphthylene | 14.18 | 152 | 2262078 | 37.611 | ng | | 100 |
| 50) Dimethylphthalate | 13.92 | 163 | 1744884 | 36.672 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.03 | 165 | 384272 | 38.610 | ng | | 99 |
| 52) Acenaphthene | 14.52 | 154 | 1361545 | 34.603 | ng | | 100 |
| 53) 3-Nitroaniline | 14.36 | 138 | 290416 | 25.347 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.56 | 184 | 408987 | 76.208 | ng | | 94 |
| 55) Dibenzofuran | 14.86 | 168 | 2131265 | 37.102 | ng | | 100 |
| 56) 4-Nitrophenol | 14.66 | 139 | 720941 | 81.863 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.82 | 165 | 527333 | 40.444 | ng | | 99 |
| 58) Fluorene | 15.50 | 166 | 1737217 | 37.215 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.08 | 232 | 456758 | 39.032 | ng | | 99 |
| 60) Diethylphthalate | 15.28 | 149 | 1762821 | 38.103 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204 | 873194 | 36.406 | ng | | 98 |
| 62) 4-Nitroaniline | 15.52 | 138 | 432076 | 35.969 | ng | | 99 |
| 63) Azobenzene | 15.79 | 77 | 1602158 | 38.348 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198 | 275620 | 41.488 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.71 | 169 | 1532477 | 36.997 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.39 | 248 | 535437 | 35.505 | ng | | 98 |
| 68) Hexachlorobenzene | 16.51 | 284 | 600461 | 34.143 | ng | | 99 |
| 69) Atrazine | 16.66 | 200 | 480094 | 35.654 | ng | | 100 |
| 70) Pentachlorophenol | 16.84 | 266 | 771329 | 82.239 | ng | | 99 |
| 71) Phenanthrene | 17.24 | 178 | 2763001 | 36.115 | ng | | 100 |
| 72) Anthracene | 17.33 | 178 | 2803753 | 37.814 | ng | | 99 |
| 73) Carbazole | 17.59 | 167 | 2564761 | 37.172 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.16 | 149 | 3003271 | 38.388 | ng | | 100 |
| 75) Fluoranthene | 19.25 | 202 | 3227576 | 37.386 | ng | | 99 |
| 77) Benzidine | 19.43 | 184 | 1470640 | 39.695 | ng | | 99 |
| 78) Pyrene | 19.62 | 202 | 3361118 | 37.977 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.52 | 149 | 1335267 | 39.697 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.36 | 228 | 3204905 | 36.616 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.29 | 252 | 797537 | 25.694 | ng | | 100 |
| 83) Chrysene | 21.41 | 228 | 3062237 | 36.087 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 1988975 | 39.908 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.18 | 149 | 3249491 | 40.910 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 2962149 | 29.247 | ng | # | 100 |
| 88) Benzo(b)fluoranthene | 22.96 | 252 | 3024880 | 38.485 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.01 | 252 | 2981925 | 38.236 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.55 | 252 | 2852009 | 39.379 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.97 | 278 | 2501092 | 33.015 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.67 | 276 | 2328260 | 32.357 | ng | | 99 |

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

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