Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001295.D
Acq On : 10 Dec 2019 12:30
Operator : JU
Sample : PB125342BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125342BS

Manual Integrations APPROVED
mohammad
12/11/2019 12:28:40 PM

Quant Time: Dec 11 04:12:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.30 | 152 | 96560 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.35 | 136 | 413841 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 13.21 | 164 | 246804 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 15.61 | 188 | 457863 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 19.26 | 240 | 350043 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 21.03 | 264 | 303254 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.23 | 112 | 868557 | 149.23 | ng | | 0.02 |
| 7) Phenol-d6 | 7.78 | 99 | 1173606 | 151.36 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 677482 | 71.03 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 14.52 | 330 | 358326 | 151.47 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 12.13 | 172 | 1241265 | 73.61 | ng | | 0.00 |
| 79) Terphenyl-d14 | 17.89 | 244 | 1405613 | 74.29 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.60 | 88 | 80967 | 29.784 | ng | | 95 |
| 3) Pyridine | 3.45 | 79 | 209594 | 27.784 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.36 | 42 | 184649 | 56.566 | ng | | 80 |
| 6) Aniline | 7.79 | 93 | 384005 | 37.353 | ng | # | 13 |
| 8) 2-Chlorophenol | 7.98 | 128 | 320400 | 53.208 | ng | | 96 |
| 9) Benzaldehyde | 7.60 | 77 | 122871 | 24.296 | ng | | 97 |
| 10) Phenol | 7.79 | 94 | 456022 | 51.705 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.92 | 93 | 316644 | 46.105 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.22 | 146 | 315301 | 44.176 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.33 | 146 | 322675 | 44.879 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.58 | 146 | 317757 | 46.960 | ng | | 99 |
| 15) Benzyl Alcohol | 8.55 | 79 | 384075 | 60.343 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.77 | 45 | 491356 | 44.500 | ng | | 99 |
| 17) 2-Methylphenol | 8.74 | 107 | 285471 | 51.681 | ng | | 96 |
| 18) Hexachloroethane | 9.11 | 117 | 137768 | 46.320 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.99 | 70 | 293798 | 52.511 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.99 | 107 | 381718 | 54.821 | ng | | 97 |
| 22) Acetophenone | 8.96 | 105 | 535258 | 44.006 | ng | # | 97 |
| 24) Nitrobenzene | 9.23 | 77 | 429886 | 45.322 | ng | | 98 |
| 25) Isophorone | 9.62 | 82 | 770817 | 45.065 | ng | | 99 |
| 26) 2-Nitrophenol | 9.73 | 139 | 167003 | 48.069 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.83 | 122 | 293294 | 53.295 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.99 | 93 | 432950 | 40.343 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.13 | 162 | 302467 | 48.291 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.26 | 180 | 321149 | 43.899 | ng | | 97 |
| 31) Naphthalene | 10.38 | 128 | 922999 | 43.670 | ng | | 99 |
| 32) Benzoic acid | 10.06 | 122 | 199766 | 50.211 | ng | | 95 |
| 33) 4-Chloroaniline | 10.48 | 127 | 256951 | 28.015 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.60 | 225 | 213320 | 46.353 | ng | | 97 |
| 35) Caprolactam | 11.08 | 113 | 86848m | 40.232 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.30 | 107 | 357751 | 48.175 | ng | | 96 |
| 37) 2-Methylnaphthalene | 11.52 | 142 | 672380 | 46.621 | ng | | 99 |
| 38) 1-Methylnaphthalene | 11.68 | 142 | 624850 | 45.865 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.79 | 216 | 361289 | 46.451 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 11.78 | 237 | 410827 | 114.495 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 11.98 | 196 | 239069 | 47.075 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 12.05 | 196 | 253214 | 48.123 | ng | | 98 |
| 46) 1,1'-Biphenyl | 12.29 | 154 | 856276 | 44.893 | ng | | 98 |
| 47) 2-Chloronaphthalene | 12.30 | 162 | 654386 | 42.950 | ng | | 99 |
| 48) 2-Nitroaniline | 12.47 | 65 | 260353 | 43.601 | ng | | 97 |
| 49) Acenaphthylene | 12.98 | 152 | 1014191 | 44.409 | ng | | 100 |
| 50) Dimethylphthalate | 12.82 | 163 | 813427 | 44.068 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 12.89 | 165 | 172314 | 43.609 | ng | | 96 |
| 52) Acenaphthene | 13.27 | 154 | 591265 | 43.040 | ng | | 100 |
| 53) 3-Nitroaniline | 13.15 | 138 | 120514 | 27.151 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 13.33 | 184 | 154539 | 94.351 | ng | | 86 |
| 55) Dibenzofuran | 13.56 | 168 | 935243 | 45.305 | ng | | 98 |
| 56) 4-Nitrophenol | 13.47 | 139 | 263973 | 83.927 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 13.55 | 165 | 229880 | 46.414 | ng | # | 86 |
| 58) Fluorene | 14.12 | 166 | 751225 | 45.414 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 13.76 | 232 | 207523 | 47.978 | ng | | 99 |
| 60) Diethylphthalate | 13.98 | 149 | 837078 | 43.797 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 14.13 | 204 | 388227 | 46.089 | ng | | 98 |
| 62) 4-Nitroaniline | 12.47 | 138 | 202805 | 39.409 | ng | | 97 |
| 63) Azobenzene | 14.39 | 77 | 901222 | 43.623 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 14.22 | 198 | 105816 | 53.116 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 14.33 | 169 | 635794 | 45.701 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 14.93 | 248 | 230022 | 46.274 | ng | | 100 |
| 68) Hexachlorobenzene | 15.02 | 284 | 251325 | 45.989 | ng | | 97 |
| 69) Atrazine | 15.23 | 200 | 221499 | 52.145 | ng | | 98 |
| 70) Pentachlorophenol | 15.33 | 266 | 302622 | 106.247 | ng | | 99 |
| 71) Phenanthrene | 15.65 | 178 | 1090246 | 45.292 | ng | | 99 |
| 72) Anthracene | 15.73 | 178 | 1104873 | 46.568 | ng | | 99 |
| 73) Carbazole | 15.97 | 167 | 957678 | 44.359 | ng | | 99 |
| 74) Di-n-butylphthalate | 16.52 | 149 | 1336816 | 46.053 | ng | | 99 |
| 75) Fluoranthene | 17.36 | 202 | 1180400 | 46.321 | ng | | 99 |
| 77) Benzidine | 17.55 | 184 | 360511 | 39.889 | ng | | 98 |
| 78) Pyrene | 17.66 | 202 | 1176800 | 42.684 | ng | | 99 |
| 80) Butylbenzylphthalate | 18.55 | 149 | 544168 | 42.733 | ng | | 97 |
| 81) Benzo(a)anthracene | 19.25 | 228 | 1024095 | 42.196 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 19.21 | 252 | 348771 | 43.500 | ng | | 99 |
| 83) Chrysene | 19.29 | 228 | 970416 | 44.652 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 19.29 | 149 | 805524 | 46.009 | ng | | 99 |
| 85) Di-n-octyl phthalate | 20.07 | 149 | 1329520 | 42.748 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 22.67 | 276 | 968798 | 37.825 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 20.55 | 252 | 919231 | 49.627 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 20.58 | 252 | 906678 | 50.822 | ng | | 99 |
| 90) Benzo(a)pyrene | 20.96 | 252 | 816273 | 47.844 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 22.70 | 278 | 823425 | 49.318 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 23.17 | 276 | 795678 | 48.262 | ng | | 97 |

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

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