Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000673.D
Acq On : 12 Oct 2019 17:33
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 12 22:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 227745 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.03 | 136 | 866576 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 483755 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.30 | 188 | 887003 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.97 | 240 | 724748 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.45 | 264 | 860682 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 1138984 | 80.39 | ng | | -0.02 |
| 7) Phenol-d6 | 6.39 | 99 | 1390070 | 81.42 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 1113131 | 78.45 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.59 | 330 | 406941 | 78.94 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.12 | 172 | 2324146 | 77.73 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.90 | 244 | 2788359 | 77.90 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 229209 | 40.512 | ng | | 99 |
| 3) Pyridine | 3.15 | 79 | 598899 | 38.743 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.09 | 42 | 173117 | 39.798 | ng | | 98 |
| 6) Aniline | 6.41 | 93 | 858084 | 41.370 | ng | # | 90 |
| 8) 2-Chlorophenol | 6.54 | 128 | 565235 | 40.423 | ng | | 96 |
| 9) Benzaldehyde | 6.30 | 77 | 392267 | 44.109 | ng | | 97 |
| 10) Phenol | 6.40 | 94 | 711500 | 40.702 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.49 | 93 | 540203 | 40.167 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.69 | 146 | 670907 | 39.581 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.77 | 146 | 684368 | 40.125 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.92 | 146 | 630117 | 40.014 | ng | | 99 |
| 15) Benzyl Alcohol | 6.89 | 79 | 437219 | 39.653 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.03 | 45 | 505064 | 40.713 | ng | | 100 |
| 17) 2-Methylphenol | 7.01 | 107 | 456019 | 39.462 | ng | | 98 |
| 18) Hexachloroethane | 7.26 | 117 | 236224 | 38.915 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70 | 306519 | 38.949 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.16 | 107 | 552495 | 40.859 | ng | | 93 |
| 22) Acetophenone | 7.16 | 105 | 862463 | 43.072 | ng | | 98 |
| 24) Nitrobenzene | 7.33 | 77 | 537888 | 39.307 | ng | | 98 |
| 25) Isophorone | 7.57 | 82 | 985480 | 39.134 | ng | | 96 |
| 26) 2-Nitrophenol | 7.65 | 139 | 288842 | 40.137 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.69 | 122 | 438064 | 39.711 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93 | 679263 | 39.692 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.89 | 162 | 493477 | 39.564 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.98 | 180 | 578777 | 39.511 | ng | | 99 |
| 31) Naphthalene | 8.06 | 128 | 1608940 | 39.754 | ng | | 99 |
| 32) Benzoic acid | 7.82 | 122 | 306083 | 43.943 | ng | | 99 |
| 33) 4-Chloroaniline | 8.10 | 127 | 713988 | 40.179 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.18 | 225 | 340945 | 38.513 | ng | | 98 |
| 35) Caprolactam | 8.48 | 113 | 167307 | 40.048 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.59 | 107 | 482408 | 39.489 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.75 | 142 | 1100894 | 40.520 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.85 | 142 | 1030980 | 40.160 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216 | 686301 | 44.822 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.91 | 237 | 186064 | 34.887 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.03 | 196 | 356929 | 37.869 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.08 | 196 | 369985 | 38.019 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.22 | 154 | 1593024 | 43.627 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.25 | 162 | 1098942 | 38.920 | ng | 99 |
| 48) 2-Nitroaniline | 9.34 | 65 | 272614 | 39.880 | ng | 88 |
| 49) Acenaphthylene | 9.66 | 152 | 1658388 | 38.930 | ng | 100 |
| 50) Dimethylphthalate | 9.52 | 163 | 1283353 | 38.180 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.58 | 165 | 284500 | 38.812 | ng | 96 |
| 52) Acenaphthene | 9.83 | 154 | 972930 | 37.651 | ng | 99 |
| 53) 3-Nitroaniline | 9.75 | 138 | 329096 | 39.182 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.86 | 184 | 84136 | 34.398 | ng | 94 |
| 55) Dibenzofuran | 10.00 | 168 | 1520654 | 39.367 | ng | 100 |
| 56) 4-Nitrophenol | 9.92 | 139 | 197541 | 36.839 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 9.99 | 165 | 383519 | 39.460 | ng | 95 |
| 58) Fluorene | 10.35 | 166 | 1141312 | 41.456 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.13 | 232 | 320425 | 38.950 | ng | 98 |
| 60) Diethylphthalate | 10.23 | 149 | 1234245 | 38.681 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.35 | 204 | 603811 | 40.786 | ng | 99 |
| 62) 4-Nitroaniline | 10.37 | 138 | 341277 | 42.248 | ng | 96 |
| 63) Azobenzene | 10.50 | 77 | 1030396 | 42.060 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 148715 | 37.821 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.46 | 169 | 1039079 | 40.221 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 10.84 | 248 | 384217 | 38.480 | ng | 96 |
| 68) Hexachlorobenzene | 10.91 | 284 | 425182 | 37.473 | ng | 95 |
| 69) Atrazine | 11.00 | 200 | 325620 | 38.408 | ng | 99 |
| 70) Pentachlorophenol | 11.10 | 266 | 162582 | 35.676 | ng | 96 |
| 71) Phenanthrene | 11.32 | 178 | 1779864 | 39.954 | ng | 99 |
| 72) Anthracene | 11.37 | 178 | 1782139 | 40.347 | ng | 100 |
| 73) Carbazole | 11.53 | 167 | 1656890 | 40.466 | ng | 98 |
| 74) Di-n-butylphthalate | 11.87 | 149 | 1969609 | 39.488 | ng | 99 |
| 75) Fluoranthene | 12.52 | 202 | 1979931 | 39.573 | ng | 98 |
| 77) Benzidine | 12.65 | 184 | 851768 | 40.586 | ng | 99 |
| 78) Pyrene | 12.76 | 202 | 2006582 | 40.143 | ng | 99 |
| 80) Butylbenzylphthalate | 13.39 | 149 | 872264 | 40.046 | ng | 100 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 1778979 | 40.230 | ng | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.92 | 252 | 717188 | 40.832 | ng | 98 |
| 83) Chrysene | 14.00 | 228 | 1752896 | 40.388 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 1097966 | 40.080 | ng | 98 |
| 85) Di-n-octyl phthalate | 14.58 | 149 | 2045517 | 41.196 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 2142191 | 39.513 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 1852894 | 37.947 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 1847828 | 39.749 | ng | 98 |
| 90) Benzo(a)pyrene | 15.39 | 252 | 1773129 | 38.955 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 16.94 | 278 | 1720840 | 38.980 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.36 | 276 | 1739711 | 38.782 | ng | 100 |

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

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