Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041643.D
Acq On : 15 Jul 2019 9:48
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICCC040

Quant Time: Jul 15 11:47:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 11:42:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 154114 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.86 | 136 | 661466 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 409798 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.41 | 188 | 952514 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.66 | 240 | 870427 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.86 | 264 | 1027355 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 691570 | 75.30 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 955036 | 76.76 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 833732 | 76.82 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 366868 | 78.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 1903299 | 73.02 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.01 | 244 | 2607486 | 73.21 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.49 | 88 | 156983 | 37.672 | ng | 100 |
| 3) Pyridine | 3.89 | 79 | 446575 | 41.348 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.81 | 42 | 211644 | 38.481 | ng | 100 |
| 6) Aniline | 7.37 | 93 | 656694 | 38.515 | ng | 100 |
| 8) 2-Chlorophenol | 7.61 | 128 | 407211 | 39.632 | ng | 100 |
| 9) Benzaldehyde | 7.18 | 77 | 279788 | 40.750 | ng | 100 |
| 10) Phenol | 7.23 | 94 | 508752 | 39.381 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 413502 | 39.180 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 477161 | 38.035 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 476214 | 38.047 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 449523 | 37.766 | ng | 100 |
| 15) Benzyl Alcohol | 8.28 | 79 | 387682 | 38.444 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 850987 | 37.537 | ng | 100 |
| 17) 2-Methylphenol | 8.48 | 107 | 355429 | 38.621 | ng | 100 |
| 18) Hexachloroethane | 9.15 | 117 | 176777 | 37.991 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 354227 | 38.765 | ng | 100 |
| 20) 3+4-Methylphenols | 8.81 | 107 | 484168 | 38.215 | ng | 100 |
| 22) Acetophenone | 8.87 | 105 | 612419 | 37.416 | ng | 100 |
| 24) Nitrobenzene | 9.25 | 77 | 460376 | 40.615 | ng | 100 |
| 25) Isophorone | 9.78 | 82 | 909783 | 38.493 | ng | 100 |
| 26) 2-Nitrophenol | 9.96 | 139 | 201693 | 40.418 | ng | 100 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 356729 | 37.939 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 557140 | 37.989 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.50 | 162 | 415969 | 38.239 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 481806 | 38.007 | ng | 100 |
| 31) Naphthalene | 10.91 | 128 | 1236903 | 38.292 | ng | 100 |
| 32) Benzoic acid | 10.17 | 122 | 262608 | 38.013 | ng | 100 |
| 33) 4-Chloroaniline | 11.00 | 127 | 584458 | 37.647 | ng | 100 |
| 34) Hexachlorobutadiene | 11.20 | 225 | 311051 | 37.915 | ng | 100 |
| 35) Caprolactam | 11.79 | 113 | 154078 | 37.153 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.12 | 107 | 437310 | 38.681 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 955857 | 38.731 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 901886 | 38.502 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 525542 | 37.849 | ng | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.87 | 237 | 307442 | 36.136 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.11 | 196 | 349444 | 38.333 | ng | 100 |
| 44) 2,4,5-Trichlorophenol | 13.18 | 196 | 371607 | 39.916 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 1151275 | 38.019 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.55 | 162 | 968660 | 38.409 | ng | 100 |
| 48) 2-Nitroaniline | 13.74 | 65 | 298191 | 42.721 | ng | 100 |
| 49) Acenaphthylene | 14.39 | 152 | 1484380 | 38.648 | ng | 100 |
| 50) Dimethylphthalate | 14.13 | 163 | 1221649 | 38.046 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.24 | 165 | 267828 | 41.814 | ng | 100 |
| 52) Acenaphthene | 14.73 | 154 | 947600 | 38.486 | ng | 100 |
| 53) 3-Nitroaniline | 14.56 | 138 | 291412 | 40.582 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.76 | 184 | 116311 | 40.223 | ng | 100 |
| 55) Dibenzofuran | 15.07 | 168 | 1424236 | 38.615 | ng | 100 |
| 56) 4-Nitrophenol | 14.86 | 139 | 243271 | 42.580 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 15.02 | 165 | 358526 | 42.554 | ng | 100 |
| 58) Fluorene | 15.72 | 166 | 1139234 | 38.094 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.29 | 232 | 349095 | 39.825 | ng | 100 |
| 60) Diethylphthalate | 15.49 | 149 | 1232464 | 37.964 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204 | 656951 | 38.336 | ng | 100 |
| 62) 4-Nitroaniline | 15.73 | 138 | 313462 | 41.135 | ng | 100 |
| 63) Azobenzene | 16.00 | 77 | 1107555 | 38.753 | ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198 | 167643 | 40.544 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.92 | 169 | 1064564 | 36.923 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.60 | 248 | 442546 | 37.585 | ng | 100 |
| 68) Hexachlorobenzene | 16.72 | 284 | 439515 | 36.905 | ng | 100 |
| 69) Atrazine | 16.87 | 200 | 387353 | 44.908 | ng | 100 |
| 70) Pentachlorophenol | 17.06 | 266 | 290664 | 39.297 | ng | 100 |
| 71) Phenanthrene | 17.45 | 178 | 1797554 | 36.113 | ng | 100 |
| 72) Anthracene | 17.54 | 178 | 1805680 | 34.686 | ng | 100 |
| 73) Carbazole | 17.80 | 167 | 1704125 | 35.511 | ng | 100 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 1969765 | 33.459 | ng | 100 |
| 75) Fluoranthene | 19.45 | 202 | 2117807 | 35.339 | ng | 100 |
| 77) Benzidine | 19.62 | 184 | 1186641 | 40.822 | ng | 100 |
| 78) Pyrene | 19.81 | 202 | 2124268 | 37.930 | ng | 100 |
| 80) Butylbenzylphthalate | 20.70 | 149 | 958898 | 36.224 | ng | 100 |
| 81) Benzo(a)anthracene | 21.64 | 228 | 2139140 | 35.519 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.56 | 252 | 873025 | 34.861 | ng | 100 |
| 83) Chrysene | 21.71 | 228 | 2030203 | 37.870 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 1315186 | 36.327 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.78 | 149 | 2267540 | 36.087 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.52 | 276 | 2772622 | 38.072 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.85 | 252 | 2346602 | 38.473 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.92 | 252 | 2197476 | 37.805 | ng | 100 |
| 90) Benzo(a)pyrene | 24.72 | 252 | 2261958 | 38.698 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.59 | 278 | 2211721 | 38.965 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.66 | 276 | 2220211 | 39.213 | ng | 100 |

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

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