Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113023.D
Acq On : 13 Mar 2019 1:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
3/13/2019 11:40:54 AM

Quant Time: Mar 13 04:54:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 194638 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 711706 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 312588 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.24 | 188 | 540933 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.87 | 240 | 446912 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.27 | 264 | 410053 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 913838 | 73.03 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 1135051 | 72.21 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 1011474 | 85.04 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 280183 | 84.43 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.09 | 172 | 1620120 | 86.19 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.82 | 244 | 1542648 | 66.91 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.38 | 88 | 222431 | 35.463 | ng | | 97 |
| 3) Pyridine | 3.09 | 79 | 603022 | 35.936 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.02 | 42 | 238319 | 32.467 | ng | | 92 |
| 6) Aniline | 6.39 | 93 | 722911 | 33.413 | ng | # | 70 |
| 8) 2-Chlorophenol | 6.52 | 128 | 522659 | 37.524 | ng | | 93 |
| 9) Benzaldehyde | 6.27 | 77 | 348544 | 30.776 | ng | | 98 |
| 10) Phenol | 6.39 | 94 | 630545 | 34.378 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 502527 | 35.696 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.67 | 146 | 550369 | 38.250 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.75 | 146 | 562279 | 38.967 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.90 | 146 | 510344 | 38.581 | ng | | 98 |
| 15) Benzyl Alcohol | 6.87 | 79 | 435011 | 36.295 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 810658 | 34.505 | ng | | 97 |
| 17) 2-Methylphenol | 7.00 | 107 | 413877 | 36.627 | ng | | 97 |
| 18) Hexachloroethane | 7.25 | 117 | 195430 | 35.356 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 334813 | 33.634 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.15 | 107 | 466311 | 36.553 | ng | # | 80 |
| 22) Acetophenone | 7.15 | 105 | 689078 | 41.407 | ng | # | 95 |
| 24) Nitrobenzene | 7.32 | 77 | 535553 | 40.456 | ng | | 98 |
| 25) Isophorone | 7.56 | 82 | 962321 | 37.556 | ng | | 98 |
| 26) 2-Nitrophenol | 7.63 | 139 | 268473 | 48.719 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 396773 | 38.702 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93 | 613589 | 38.301 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 416387 | 41.882 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.96 | 180 | 444465 | 41.607 | ng | | 99 |
| 31) Naphthalene | 8.04 | 128 | 1361561 | 38.533 | ng | | 100 |
| 32) Benzoic acid | 7.79 | 122 | 280914m | 39.095 | ng | | |
| 33) 4-Chloroaniline | 8.09 | 127 | 583489 | 38.988 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.16 | 225 | 260191 | 43.188 | ng | | 99 |
| 35) Caprolactam | 8.46 | 113 | 131123 | 37.447 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 397743 | 36.150 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 856150 | 37.520 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.83 | 142 | 817737 | 36.995 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 411755 | 45.171 | ng | # | 97 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.89 | 237 | 67620 | 13.547 ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.01 | 196 | 259937 | 41.434 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.05 | 196 | 278469 | 41.067 ng | | 95 |
| 46) 1,1'-Biphenyl | 9.19 | 154 | 1072442 | 42.062 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.22 | 162 | 799294 | 40.148 ng | | 98 |
| 48) 2-Nitroaniline | 9.30 | 65 | 256279 | 42.351 ng | | 98 |
| 49) Acenaphthylene | 9.63 | 152 | 1280548 | 37.888 ng | | 99 |
| 50) Dimethylphthalate | 9.49 | 163 | 951793 | 41.295 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.55 | 165 | 206360 | 42.995 ng | # | 78 |
| 52) Acenaphthene | 9.80 | 154 | 732089 | 37.040 ng | | 99 |
| 53) 3-Nitroaniline | 9.72 | 138 | 234000 | 40.011 ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.82 | 184 | 28286 | 19.699 ng | | 92 |
| 55) Dibenzofuran | 9.97 | 168 | 1094383 | 38.097 ng | | 97 |
| 56) 4-Nitrophenol | 9.88 | 139 | 163004 | 34.294 ng | | 93 |
| 57) 2,4-Dinitrotoluene | 9.95 | 165 | 258138 | 43.267 ng | # | 85 |
| 58) Fluorene | 10.31 | 166 | 775192 | 38.021 ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.09 | 232 | 218383 | 38.656 ng | # | 95 |
| 60) Diethylphthalate | 10.19 | 149 | 916114 | 37.634 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204 | 397695 | 41.924 ng | | 93 |
| 62) 4-Nitroaniline | 10.32 | 138 | 219141 | 40.549 ng | | 96 |
| 63) Azobenzene | 10.46 | 77 | 833281 | 33.420 ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 46943 | 23.704 ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.42 | 169 | 723761 | 41.720 ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.79 | 248 | 256634 | 45.042 ng | | 92 |
| 68) Hexachlorobenzene | 10.86 | 284 | 276546 | 43.058 ng | # | 89 |
| 69) Atrazine | 10.95 | 200 | 221308 | 41.652 ng | | 99 |
| 70) Pentachlorophenol | 11.05 | 266 | 159154 | 42.101 ng | | 99 |
| 71) Phenanthrene | 11.27 | 178 | 1069822 | 39.750 ng | | 99 |
| 72) Anthracene | 11.32 | 178 | 1113887 | 39.538 ng | | 99 |
| 73) Carbazole | 11.47 | 167 | 1054646 | 38.375 ng | | 99 |
| 74) Di-n-butylphthalate | 11.81 | 149 | 1332424 | 40.434 ng | | 99 |
| 75) Fluoranthene | 12.45 | 202 | 1171324 | 40.622 ng | | 96 |
| 77) Benzidine | 12.57 | 184 | 606617 | 26.162 ng | | 99 |
| 78) Pyrene | 12.67 | 202 | 1205472 | 31.996 ng | | 99 |
| 80) Butylbenzylphthalate | 13.30 | 149 | 546114 | 32.839 ng | | 90 |
| 81) Benzo(a)anthracene | 13.86 | 228 | 1039255 | 33.552 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.82 | 252 | 464478 | 39.650 ng | | 99 |
| 83) Chrysene | 13.90 | 228 | 1080711 | 35.620 ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 688685 | 35.306 ng | | 99 |
| 85) Di-n-octyl phthalate | 14.46 | 149 | 1353888 | 40.420 ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 845182 | 32.676 ng | | 95 |
| 88) Benzo(b)fluoranthene | 14.87 | 252 | 950306 | 35.829 ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.90 | 252 | 959708 | 39.946 ng | | 98 |
| 90) Benzo(a)pyrene | 15.22 | 252 | 885405 | 37.741 ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.65 | 278 | 713941 | 35.663 ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.04 | 276 | 673641 | 33.511 ng | | 96 |

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

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