Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114001.D
Acq On : 26 Apr 2019 11:21
Operator : JU/SJ
Sample : PB119139BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB119139BS

**Manual Integrations APPROVED**
Sohil
4/27/2019 2:36:37 AM

Quant Time: Apr 27 00:20:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 217822 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.18 | 136 | 880277 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.94 | 164 | 471534 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.42 | 188 | 944219 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.07 | 240 | 719081 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.55 | 264 | 428531 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 1545051 | 121.32 | ng | | 0.03 |
| 7) Phenol-d6 | 6.55 | 99 | 1985438 | 124.26 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 1143182 | 80.18 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 696848 | 121.31 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 2201843 | 73.03 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.01 | 244 | 2584566 | 73.69 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.82 | 88 | 237429 | 39.549 | ng | | 97 |
| 3) Pyridine | 3.56 | 79 | 420882 | 25.685 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.52 | 42 | 205374 | 36.613 | ng | | 93 |
| 6) Aniline | 6.57 | 93 | 578476 | 26.365 | ng | | 97 |
| 8) 2-Chlorophenol | 6.69 | 128 | 603833 | 41.529 | ng | | 99 |
| 9) Benzaldehyde | 6.45 | 77 | 29186 | Below Cal | | | 94 |
| 10) Phenol | 6.56 | 94 | 743415 | 38.909 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 585548 | 40.726 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 639439 | 38.830 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 645708 | 38.984 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 610071 | 40.078 | ng | | 98 |
| 15) Benzyl Alcohol | 7.05 | 79 | 520551 | 48.373 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 667174 | 39.752 | ng | | 89 |
| 17) 2-Methylphenol | 7.16 | 107 | 554849 | 43.533 | ng | | 96 |
| 18) Hexachloroethane | 7.42 | 117 | 233944 | 40.292 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 435380 | 42.077 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.31 | 107 | 616450 | 42.809 | ng | # | 86 |
| 22) Acetophenone | 7.31 | 105 | 846049 | 43.190 | ng | # | 87 |
| 24) Nitrobenzene | 7.48 | 77 | 674424 | 42.812 | ng | | 99 |
| 25) Isophorone | 7.72 | 82 | 1248251 | 42.790 | ng | | 99 |
| 26) 2-Nitrophenol | 7.80 | 139 | 350696 | 48.798 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.83 | 122 | 597527 | 51.031 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 774341 | 41.656 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 580754 | 43.373 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 632802 | 42.385 | ng | | 100 |
| 31) Naphthalene | 8.20 | 128 | 1754789 | 41.962 | ng | | 100 |
| 32) Benzoic acid | 7.99 | 122 | 421799 | 53.343 | ng | | 95 |
| 33) 4-Chloroaniline | 8.25 | 127 | 504873 | 28.533 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.32 | 225 | 376910 | 40.498 | ng | | 99 |
| 35) Caprolactam | 8.65 | 113 | 192678m | 45.236 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.74 | 107 | 578747 | 43.628 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 1222121 | 43.338 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.00 | 142 | 1144226 | 42.040 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 624408 | 40.766 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.05 | 237 | 556043 | 65.100 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.17 | 196 | 445116 | 45.765 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 9.23 | 196 | 470295 | 43.109 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.36 | 154 | 1490712 | 41.384 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.39 | 162 | 1220412 | 41.662 | ng | | 98 |
| 48) 2-Nitroaniline | 9.48 | 65 | 353796 | 46.072 | ng | | 91 |
| 49) Acenaphthylene | 9.80 | 152 | 1815753 | 39.594 | ng | | 100 |
| 50) Dimethylphthalate | 9.66 | 163 | 1478604 | 43.358 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.72 | 165 | 341330 | 46.654 | ng | | 95 |
| 52) Acenaphthene | 9.97 | 154 | 1123933 | 41.470 | ng | | 97 |
| 53) 3-Nitroaniline | 9.89 | 138 | 269093 | 35.002 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 10.00 | 184 | 365369 | 111.743 | ng | # | 1 |
| 55) Dibenzofuran | 10.15 | 168 | 1669412 | 41.121 | ng | | 96 |
| 56) 4-Nitrophenol | 10.06 | 139 | 552462 | 90.759 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.13 | 165 | 457307 | 49.521 | ng | | 95 |
| 58) Fluorene | 10.49 | 166 | 1264327 | 41.366 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 432148 | 45.076 | ng | | 100 |
| 60) Diethylphthalate | 10.36 | 149 | 1400554 | 43.248 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.48 | 204 | 656211 | 40.540 | ng | | 100 |
| 62) 4-Nitroaniline | 10.52 | 138 | 341857 | 45.566 | ng | | 95 |
| 63) Azobenzene | 10.64 | 77 | 1277783 | 40.711 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 230371 | 52.434 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.60 | 169 | 1173941 | 41.436 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.97 | 248 | 456039 | 39.980 | ng | | 97 |
| 68) Hexachlorobenzene | 11.04 | 284 | 500930 | 39.964 | ng | | 96 |
| 69) Atrazine | 11.12 | 200 | 349046 | 37.872 | ng | | 98 |
| 70) Pentachlorophenol | 11.23 | 266 | 601982 | 84.823 | ng | | 96 |
| 71) Phenanthrene | 11.45 | 178 | 1928912 | 40.649 | ng | | 99 |
| 72) Anthracene | 11.50 | 178 | 1938521 | 40.454 | ng | | 99 |
| 73) Carbazole | 11.65 | 167 | 1755446 | 41.062 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.98 | 149 | 2070152 | 41.165 | ng | | 99 |
| 75) Fluoranthene | 12.64 | 202 | 2017786 | 38.975 | ng | | 99 |
| 77) Benzidine | 12.75 | 184 | 275441 | 12.856 | ng | | 97 |
| 78) Pyrene | 12.87 | 202 | 2009730 | 39.966 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.47 | 149 | 854456 | 43.187 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.06 | 228 | 1729845 | 40.830 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.02 | 252 | 570770 | 36.756 | ng | # | 99 |
| 83) Chrysene | 14.10 | 228 | 1685824 | 40.857 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 1148616 | 45.629 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.66 | 149 | 1755674 | 44.559 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 17.06 | 276 | 1409772 | 36.070 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.13 | 252 | 1551701 | 57.231 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.16 | 252 | 1355101 | 58.104 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.50 | 252 | 1323907 | 56.453 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.08 | 278 | 1172027 | 53.240 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.52 | 276 | 1211956 | 54.553 | ng | | 98 |

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

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