Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125223.D
Acq On : 26 Aug 2021 12:55
Operator : JU/CG
Sample : M3426-13MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SWCS-10-0510MS

**Manual Integrations APPROVED**
mohammad
8/27/2021 5:07:00 PM

Quant Time: Aug 26 13:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.916 | 152 | 236119 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.198 | 136 | 935032 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.957 | 164 | 497503 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.439 | 188 | 902473 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.080 | 240 | 464778 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.574 | 264 | 474004 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.545 | 112 | 1694186 | 108.603 | ng | | 0.02 |
| 7) Phenol-d6 | 6.545 | 99 | 2159899 | 107.055 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.481 | 82 | 1449005 | 78.017 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.745 | 330 | 662601 | 133.423 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.275 | 172 | 2371160 | 66.427 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.027 | 244 | 2376604 | 81.461 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.769 | 88 | 309693 | 40.232 | ng | # | 100 |
| 3) Pyridine | 3.534 | 79 | 708992 | 34.890 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 3.487 | 42 | 402400 | 39.573 | ng | # | 26 |
| 6) Aniline | 6.581 | 93 | 1030796 | 43.495 | ng | | 96 |
| 8) 2-Chlorophenol | 6.698 | 128 | 687984 | 43.232 | ng | # | 81 |
| 9) Benzaldehyde | 6.469 | 77 | 536574 | 37.896 | ng | | 94 |
| 10) Phenol | 6.563 | 94 | 952540 | 45.083 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.651 | 93 | 735921 | 44.226 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 6.857 | 146 | 756715 | 41.034 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.934 | 146 | 769289 | 41.866 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.087 | 146 | 734689 | 42.499 | ng | | 98 |
| 15) Benzyl Alcohol | 7.057 | 79 | 670767 | 43.180 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192 | 45 | 1363685 | 40.864 | ng | | 95 |
| 17) 2-Methylphenol | 7.169 | 107 | 618996 | 46.304 | ng | | 95 |
| 18) Hexachloroethane | 7.428 | 117 | 276106 | 42.911 | ng | # | 88 |
| 19) n-Nitroso-di-n-propyla... | 7.334 | 70 | 512721 | 42.250 | ng | # | 74 |
| 20) 3+4-Methylphenols | 7.322 | 107 | 698469 | 41.623 | ng | # | 77 |
| 22) Acetophenone | 7.328 | 105 | 954384 | 39.660 | ng | | 96 |
| 24) Nitrobenzene | 7.498 | 77 | 819158 | 40.477 | ng | # | 87 |
| 25) Isophorone | 7.739 | 82 | 1488339 | 41.540 | ng | # | 89 |
| 26) 2-Nitrophenol | 7.816 | 139 | 391673 | 48.469 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.851 | 122 | 630853 | 44.593 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.945 | 93 | 895396 | 45.135 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 8.057 | 162 | 601864 | 41.716 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.139 | 180 | 633657 | 40.276 | ng | | 95 |
| 31) Naphthalene | 8.222 | 128 | 1853456 | 38.705 | ng | | 100 |
| 32) Benzoic acid | 7.975 | 122 | 435310 | 45.336 | ng | | 89 |
| 33) 4-Chloroaniline | 8.269 | 127 | 696034 | 36.870 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.334 | 225 | 392037 | 39.079 | ng | | 99 |
| 35) Caprolactam | 8.645 | 113 | 209539m | 56.072 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.745 | 107 | 665023 | 45.151 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.910 | 142 | 1302337 | 41.157 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.010 | 142 | 1210168 | 40.954 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 9.075 | 216 | 630515 | 38.791 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.063 | 237 | 703867 | 82.422 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.186 | 196 | 464832 | 40.615 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.228 | 196 | 512121 | 42.532 | ng | | 92 |
| 46) 1,1'-Biphenyl | 9.375 | 154 | 1497719 | 37.341 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.404 | 162 | 1264768 | 38.804 | ng | | 96 |
| 48) 2-Nitroaniline | 9.498 | 65 | 484512 | 47.955 | ng | | 88 |
| 49) Acenaphthylene | 9.816 | 152 | 1896059 | 39.921 | ng | | 97 |
| 50) Dimethylphthalate | 9.675 | 163 | 1501258 | 43.544 | ng | # | 97 |
| 51) 2,6-Dinitrotoluene | 9.739 | 165 | 339835 | 45.458 | ng | | 93 |
| 52) Acenaphthene | 9.992 | 154 | 1300250 | 44.160 | ng | | 98 |
| 53) 3-Nitroaniline | 9.910 | 138 | 327530 | 40.627 | ng | | 86 |
| 54) 2,4-Dinitrophenol | 10.016 | 184 | 355845 | 120.506 | ng | # | 79 |
| 55) Dibenzofuran | 10.163 | 168 | 1663051 | 39.247 | ng | | 97 |
| 56) 4-Nitrophenol | 10.069 | 139 | 570698 | 89.392 | ng | # | 75 |
| 57) 2,4-Dinitrotoluene | 10.145 | 165 | 454261 | 50.207 | ng | # | 90 |
| 58) Fluorene | 10.504 | 166 | 1282695 | 40.944 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.275 | 232 | 393054 | 43.987 | ng | # | 86 |
| 60) Diethylphthalate | 10.375 | 149 | 1460088 | 43.441 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204 | 658535 | 41.575 | ng | | 88 |
| 62) 4-Nitroaniline | 10.527 | 138 | 366460 | 50.550 | ng | # | 78 |
| 63) Azobenzene | 10.657 | 77 | 1542401 | 40.913 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198 | 241545 | 50.570 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 10.616 | 169 | 1261067 | 39.025 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.986 | 248 | 451457 | 41.658 | ng | # | 88 |
| 68) Hexachlorobenzene | 11.051 | 284 | 478431 | 42.914 | ng | # | 86 |
| 69) Atrazine | 11.139 | 200 | 423847 | 45.709 | ng | | 92 |
| 70) Pentachlorophenol | 11.245 | 266 | 503821 | 77.397 | ng | | 90 |
| 71) Phenanthrene | 11.469 | 178 | 1946347 | 39.141 | ng | | 96 |
| 72) Anthracene | 11.522 | 178 | 1987860 | 40.557 | ng | | 98 |
| 73) Carbazole | 11.674 | 167 | 1737404 | 38.790 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.998 | 149 | 2227032 | 41.900 | ng | | 99 |
| 75) Fluoranthene | 12.657 | 202 | 1932129 | 39.159 | ng | | 96 |
| 77) Benzidine | 12.774 | 184 | 809644 | 49.879 | ng | | 98 |
| 78) Pyrene | 12.886 | 202 | 1913042 | 47.984 | ng | | 95 |
| 80) Butylbenzylphthalate | 13.498 | 149 | 778622 | 49.702 | ng | | 90 |
| 81) Benzo(a)anthracene | 14.074 | 228 | 1404032 | 41.927 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.033 | 252 | 480588 | 46.297 | ng | | 98 |
| 83) Chrysene | 14.110 | 228 | 1362152 | 41.131 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149 | 989617 | 45.962 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.668 | 149 | 1519132 | 42.421 | ng | # | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.098 | 276 | 1717528 | 50.296 | ng | | 92 |
| 88) Benzo(b)fluoranthene | 15.139 | 252 | 1382434 | 39.920 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 15.168 | 252 | 1297112 | 40.140 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.515 | 252 | 1363447 | 44.572 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.115 | 278 | 1433188 | 48.553 | ng | | 95 |
| 92) Benzo(g,h,i)perylene | 17.562 | 276 | 1481268 | 52.045 | ng | # | 91 |

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

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