Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125171.D
Acq On : 23 Aug 2021 23:59
Operator : JU/CG
Sample : M3419-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SWCS-03-1015MS

**Manual Integrations APPROVED**
mohammad
8/24/2021 11:20:08 AM

Quant Time: Aug 24 04:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.922 | 152 | 164905 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.210 | 136 | 644596 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.963 | 164 | 321817 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.451 | 188 | 511585 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.098 | 240 | 347816 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.592 | 264 | 273521 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.551 | 112 | 1147529 | 105.327 | ng | | 0.01 |
| 7) Phenol-d6 | 6.551 | 99 | 1467011 | 104.113 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.486 | 82 | 1019061 | 79.590 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.757 | 330 | 395258 | 123.040 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.286 | 172 | 1636113 | 70.857 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.033 | 244 | 1387078 | 63.532 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 206119 | 38.340 | ng | # | 100 |
| 3) Pyridine | 3.551 | 79 | 472275 | 33.277 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 324277 | 45.662 | ng | # | 51 |
| 6) Aniline | 6.587 | 93 | 656405 | 39.659 | ng | # | 93 |
| 8) 2-Chlorophenol | 6.710 | 128 | 501784 | 45.148 | ng | | 85 |
| 9) Benzaldehyde | 6.475 | 77 | 384320 | 38.865 | ng | | 93 |
| 10) Phenol | 6.563 | 94 | 663926 | 44.994 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.657 | 93 | 511109 | 43.980 | ng | | 85 |
| 12) 1,3-Dichlorobenzene | 6.863 | 146 | 555960 | 43.167 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.939 | 146 | 563334 | 43.897 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.092 | 146 | 541729 | 44.870 | ng | | 98 |
| 15) Benzyl Alcohol | 7.063 | 79 | 497038 | 45.814 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198 | 45 | 1016428 | 43.612 | ng | | 99 |
| 17) 2-Methylphenol | 7.175 | 107 | 414369 | 44.382 | ng | | 95 |
| 18) Hexachloroethane | 7.439 | 117 | 205635 | 45.760 | ng | # | 84 |
| 19) n-Nitroso-di-n-propyla... | 7.339 | 70 | 373297 | 44.045 | ng | # | 80 |
| 20) 3+4-Methylphenols | 7.322 | 107 | 491740 | 41.959 | ng | | 92 |
| 22) Acetophenone | 7.334 | 105 | 699089 | 42.141 | ng | | 93 |
| 24) Nitrobenzene | 7.510 | 77 | 594663 | 42.624 | ng | | 90 |
| 25) Isophorone | 7.745 | 82 | 1024979 | 41.497 | ng | # | 89 |
| 26) 2-Nitrophenol | 7.822 | 139 | 271642 | 48.761 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 7.857 | 122 | 461498 | 47.320 | ng | | 86 |
| 28) bis(2-Chloroethoxy)met... | 7.951 | 93 | 620694 | 45.385 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 8.063 | 162 | 431492 | 43.383 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.145 | 180 | 463673 | 42.751 | ng | | 96 |
| 31) Naphthalene | 8.228 | 128 | 1347487 | 40.818 | ng | | 99 |
| 32) Benzoic acid | 7.981 | 122 | 342465 | 51.736 | ng | # | 81 |
| 33) 4-Chloroaniline | 8.275 | 127 | 397061 | 30.510 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.345 | 225 | 297362 | 42.997 | ng | | 99 |
| 35) Caprolactam | 8.651 | 113 | 140441m | 54.515 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.757 | 107 | 465108 | 45.806 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.922 | 142 | 938149 | 43.006 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.022 | 142 | 859461 | 42.191 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 9.086 | 216 | 467624 | 44.475 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.069 | 237 | 336939 | 60.995 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.198 | 196 | 321530 | 43.431 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.233 | 196 | 344116 | 44.181 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.386 | 154 | 1069599 | 41.225 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.410 | 162 | 886714 | 42.056 | ng | | 99 |
| 48) 2-Nitroaniline | 9.504 | 65 | 325429 | 49.793 | ng | # | 79 |
| 49) Acenaphthylene | 9.827 | 152 | 1304303 | 42.453 | ng | | 98 |
| 50) Dimethylphthalate | 9.686 | 163 | 1043443 | 46.788 | ng | # | 98 |
| 51) 2,6-Dinitrotoluene | 9.745 | 165 | 225427 | 46.616 | ng | # | 77 |
| 52) Acenaphthene | 9.998 | 154 | 866139 | 45.476 | ng | | 98 |
| 53) 3-Nitroaniline | 9.916 | 138 | 183603 | 35.207 | ng | # | 78 |
| 54) 2,4-Dinitrophenol | 10.022 | 184 | 168404 | 88.163 | ng | # | 86 |
| 55) Dibenzofuran | 10.175 | 168 | 1112233 | 40.577 | ng | | 99 |
| 56) 4-Nitrophenol | 10.075 | 139 | 343354 | 83.143 | ng | # | 82 |
| 57) 2,4-Dinitrotoluene | 10.151 | 165 | 296334 | 50.632 | ng | # | 95 |
| 58) Fluorene | 10.516 | 166 | 849241 | 41.907 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232 | 254090 | 43.959 | ng | # | 87 |
| 60) Diethylphthalate | 10.380 | 149 | 1012012 | 46.547 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204 | 443231 | 43.259 | ng | | 89 |
| 62) 4-Nitroaniline | 10.533 | 138 | 198564 | 42.343 | ng | | 86 |
| 63) Azobenzene | 10.663 | 77 | 977851 | 40.098 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198 | 114601 | 42.325 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 10.622 | 169 | 826574 | 45.123 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248 | 289053 | 47.052 | ng | | 97 |
| 68) Hexachlorobenzene | 11.063 | 284 | 297066 | 47.006 | ng | # | 82 |
| 69) Atrazine | 11.151 | 200 | 257442 | 48.977 | ng | | 90 |
| 70) Pentachlorophenol | 11.251 | 266 | 319750 | 86.651 | ng | | 93 |
| 71) Phenanthrene | 11.480 | 178 | 1181906 | 41.929 | ng | | 97 |
| 72) Anthracene | 11.527 | 178 | 1195465 | 43.027 | ng | | 98 |
| 73) Carbazole | 11.680 | 167 | 1036095 | 40.807 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.010 | 149 | 1337660 | 44.397 | ng | | 100 |
| 75) Fluoranthene | 12.668 | 202 | 1186487 | 42.420 | ng | | 97 |
| 77) Benzidine | 12.786 | 184 | 674340 | 55.513 | ng | | 99 |
| 78) Pyrene | 12.898 | 202 | 1190641 | 39.907 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.510 | 149 | 523798 | 44.679 | ng | | 92 |
| 81) Benzo(a)anthracene | 14.086 | 228 | 1060462 | 42.316 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.045 | 252 | 390964 | 50.329 | ng | | 98 |
| 83) Chrysene | 14.121 | 228 | 1035321 | 41.775 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149 | 716698 | 44.480 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.686 | 149 | 1183944 | 44.179 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.115 | 276 | 746448 | 37.881 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 15.151 | 252 | 954810 | 47.781 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 15.186 | 252 | 844740 | 45.302 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.533 | 252 | 821624 | 46.547 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 17.133 | 278 | 624176 | 36.645 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.580 | 276 | 612169 | 37.274 | ng | # | 87 |

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

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