Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125560.D
Acq On : 22 Sep 2021 15:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
9/23/2021 1:20:38 PM

Quant Time: Sep 22 17:15:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 224743 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.181 | 136 | 890634 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 489318 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.421 | 188 | 819981 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.062 | 240 | 538427 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 412683 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 1031233 | 72.561 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 1337619 | 72.998 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 1119729 | 80.188 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 387920 | 80.940 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 2216515 | 81.547 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 2317783 | 69.514 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.657 | 88 | 208366 | 36.364 | ng | # 100 |
| 3) Pyridine | 3.416 | 79 | 561805 | 36.590 | ng | # 72 |
| 4) n-Nitrosodimethylamine | 3.369 | 42 | 211890 | 34.989 | ng | # 1 |
| 6) Aniline | 6.563 | 93 | 775895 | 36.779 | ng | 93 |
| 8) 2-Chlorophenol | 6.681 | 128 | 604920 | 37.274 | ng | 97 |
| 9) Benzaldehyde | 6.445 | 77 | 355842 | 39.913 | ng | 93 |
| 10) Phenol | 6.534 | 94 | 687917 | 36.883 | ng | 88 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 549542 | 36.854 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 6.839 | 146 | 639617 | 36.669 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 642403 | 36.436 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.069 | 146 | 611171 | 37.115 | ng | 98 |
| 15) Benzyl Alcohol | 7.034 | 79 | 480512 | 36.644 | ng | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175 | 45 | 729229 | 35.543 | ng | 89 |
| 17) 2-Methylphenol | 7.139 | 107 | 473906 | 36.583 | ng | 97 |
| 18) Hexachloroethane | 7.416 | 117 | 231577 | 36.889 | ng | 90 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 398835 | 36.367 | ng | # 70 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 597792 | 37.113 | ng | 97 |
| 22) Acetophenone | 7.304 | 105 | 764424 | 37.096 | ng | # 91 |
| 24) Nitrobenzene | 7.481 | 77 | 581044 | 39.267 | ng | 98 |
| 25) Isophorone | 7.722 | 82 | 1112981 | 37.038 | ng | 95 |
| 26) 2-Nitrophenol | 7.792 | 139 | 306946 | 46.067 | ng | # 89 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 469213 | 35.137 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 642012 | 37.186 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.033 | 162 | 515460 | 38.184 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 528474 | 37.145 | ng | 96 |
| 31) Naphthalene | 8.204 | 128 | 1717391 | 37.546 | ng | 99 |
| 32) Benzoic acid | 7.939 | 122 | 360284m | 44.435 | ng | |
| 33) 4-Chloroaniline | 8.245 | 127 | 710746 | 37.909 | ng | 100 |
| 34) Hexachlorobutadiene | 8.322 | 225 | 306738 | 38.235 | ng | 99 |
| 35) Caprolactam | 8.622 | 113 | 150100 | 40.543 | ng | # 77 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 509554 | 38.425 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 1175143 | 37.931 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 1115329 | 38.368 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.063 | 216 | 482931 | 36.654 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.051 | 237 | 259841 | 35.266 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 371006 | 37.374 | ng | 96 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
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Quant Time: Sep 22 17:15:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 397600 | 38.166 | ng | | 92 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 1373281 | 37.248 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 1125601 | 36.758 | ng | | 96 |
| 48) 2-Nitroaniline | 9.475 | 65 | 288581 | 44.165 | ng | | 88 |
| 49) Acenaphthylene | 9.798 | 152 | 1686758 | 37.481 | ng | | 98 |
| 50) Dimethylphthalate | 9.657 | 163 | 1277724 | 37.941 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 287233 | 42.871 | ng | | 96 |
| 52) Acenaphthene | 9.975 | 154 | 1051942 | 37.029 | ng | | 97 |
| 53) 3-Nitroaniline | 9.886 | 138 | 300676 | 42.255 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 120335 | 49.854 | ng | # | 77 |
| 55) Dibenzofuran | 10.145 | 168 | 1568326 | 37.202 | ng | | 96 |
| 56) 4-Nitrophenol | 10.027 | 139 | 255290 | 44.226 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 375683 | 46.789 | ng | # | 89 |
| 58) Fluorene | 10.486 | 166 | 1145086 | 35.317 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 311700 | 39.837 | ng | # | 90 |
| 60) Diethylphthalate | 10.357 | 149 | 1269887 | 38.261 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204 | 539517 | 37.415 | ng | | 87 |
| 62) 4-Nitroaniline | 10.498 | 138 | 282633 | 43.953 | ng | # | 74 |
| 63) Azobenzene | 10.639 | 77 | 1193001 | 36.994 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 189893 | 47.707 | ng | # | 71 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 1085008 | 36.447 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 343430 | 36.650 | ng | | 99 |
| 68) Hexachlorobenzene | 11.033 | 284 | 401062 | 37.977 | ng | # | 88 |
| 69) Atrazine | 11.121 | 200 | 320300 | 40.009 | ng | | 95 |
| 70) Pentachlorophenol | 11.221 | 266 | 249138 | 41.378 | ng | | 93 |
| 71) Phenanthrene | 11.451 | 178 | 1704984 | 37.017 | ng | | 97 |
| 72) Anthracene | 11.498 | 178 | 1716340 | 37.383 | ng | | 98 |
| 73) Carbazole | 11.651 | 167 | 1645741 | 37.899 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.986 | 149 | 1957404 | 37.982 | ng | | 99 |
| 75) Fluoranthene | 12.633 | 202 | 1752995 | 38.794 | ng | | 95 |
| 77) Benzidine | 12.751 | 184 | 551888 | 36.149 | ng | | 98 |
| 78) Pyrene | 12.863 | 202 | 1758469 | 34.851 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 786461 | 38.574 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 1362964 | 37.187 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 424815 | 37.829 | ng | | 97 |
| 83) Chrysene | 14.092 | 228 | 1376728 | 37.184 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 957391 | 38.412 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 1498738 | 36.164 | ng | # | 89 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1014916 | 34.259 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.109 | 252 | 1199013m | 39.727 | ng | | |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 1101072 | 39.890 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 1003484 | 38.201 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 887645 | 35.353 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 834125 | 33.660 | ng | | 94 |

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

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