Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124225.D
Acq On : 10 Jun 2021 9:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 10 11:31:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.851 | 152 | 36999 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.134 | 136 | 133442 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.892 | 164 | 78062 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.380 | 188 | 146599 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.021 | 240 | 90193 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 64326 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 184992 | 75.266 | ng | | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 245377 | 74.273 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 261459 | 77.710 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.686 | 330 | 88856 | 80.344 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.210 | 172 | 493250 | 79.512 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.963 | 244 | 527598 | 80.313 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.599 | 88 | 38500 | 35.793 | ng | | 95 |
| 3) Pyridine | 3.363 | 79 | 97978 | 35.567 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 56126 | 34.289 | ng | # | 95 |
| 6) Aniline | 6.516 | 93 | 134064 | 35.528 | ng | # | 44 |
| 8) 2-Chlorophenol | 6.645 | 128 | 99066 | 36.223 | ng | | 92 |
| 9) Benzaldehyde | 6.404 | 77 | 61913 | 42.161 | ng | | 87 |
| 10) Phenol | 6.510 | 94 | 127109 | 35.601 | ng | # | 64 |
| 11) bis(2-Chloroethyl)ether | 6.587 | 93 | 95135 | 36.551 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.792 | 146 | 120349 | 37.642 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.869 | 146 | 119622 | 37.301 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.022 | 146 | 115758 | 37.732 | ng | | 96 |
| 15) Benzyl Alcohol | 6.998 | 79 | 112410 | 37.743 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128 | 45 | 135159 | 33.287 | ng | | 71 |
| 17) 2-Methylphenol | 7.116 | 107 | 84052 | 37.806 | ng | # | 87 |
| 18) Hexachloroethane | 7.363 | 117 | 47898 | 37.926 | ng | # | 87 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 86273 | 36.993 | ng | # | 85 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 107968 | 36.651 | ng | | 90 |
| 22) Acetophenone | 7.263 | 105 | 152723 | 40.147 | ng | | 92 |
| 24) Nitrobenzene | 7.439 | 77 | 128471 | 38.062 | ng | | 95 |
| 25) Isophorone | 7.675 | 82 | 222565 | 36.709 | ng | | 97 |
| 26) 2-Nitrophenol | 7.751 | 139 | 59211 | 39.271 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.792 | 122 | 78662 | 36.999 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.881 | 93 | 112032 | 37.272 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 97189 | 39.506 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.075 | 180 | 107015 | 38.816 | ng | | 98 |
| 31) Naphthalene | 8.157 | 128 | 294871 | 36.960 | ng | | 98 |
| 32) Benzoic acid | 7.928 | 122 | 47164 | 36.152 | ng | | 97 |
| 33) 4-Chloroaniline | 8.210 | 127 | 120099 | 40.472 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.275 | 225 | 74772 | 38.396 | ng | | 96 |
| 35) Caprolactam | 8.586 | 113 | 26316 | 38.938 | ng | # | 73 |
| 36) 4-Chloro-3-methylphenol | 8.698 | 107 | 99425 | 36.940 | ng | # | 87 |
| 37) 2-Methylnaphthalene | 8.851 | 142 | 212403 | 37.965 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.951 | 142 | 202037 | 38.643 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 9.016 | 216 | 112832 | 40.796 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.004 | 237 | 44911 | 34.760 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.133 | 196 | 69957 | 38.782 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.181 | 196 | 74293 | 38.366 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 9.316 | 154 | 262477 | 39.832 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.339 | 162 | 204326 | 38.094 | ng | | 95 |
| 48) 2-Nitroaniline | 9.439 | 65 | 77716 | 40.150 | ng | | 99 |
| 49) Acenaphthylene | 9.757 | 152 | 303028 | 38.867 | ng | | 99 |
| 50) Dimethylphthalate | 9.616 | 163 | 245461 | 38.006 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.681 | 165 | 55943 | 37.778 | ng | | 86 |
| 52) Acenaphthene | 9.928 | 154 | 196889 | 38.665 | ng | | 95 |
| 53) 3-Nitroaniline | 9.851 | 138 | 51570 | 37.209 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 30255 | 41.718 | ng | # | 84 |
| 55) Dibenzofuran | 10.098 | 168 | 309590 | 38.845 | ng | | 97 |
| 56) 4-Nitrophenol | 10.028 | 139 | 47143 | 47.596 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 10.086 | 165 | 75981 | 38.905 | ng | # | 93 |
| 58) Fluorene | 10.445 | 166 | 241167 | 39.421 | ng | | 94 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 61050 | 38.905 | ng | | 96 |
| 60) Diethylphthalate | 10.310 | 149 | 255799 | 39.246 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.433 | 204 | 119785 | 38.293 | ng | | 97 |
| 62) 4-Nitroaniline | 10.469 | 138 | 54895 | 39.393 | ng | | 87 |
| 63) Azobenzene | 10.592 | 77 | 251890 | 37.074 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198 | 46825 | 39.746 | ng | # | 74 |
| 66) n-Nitrosodiphenylamine | 10.551 | 169 | 212217 | 38.099 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248 | 77455 | 38.493 | ng | | 93 |
| 68) Hexachlorobenzene | 10.992 | 284 | 83952 | 36.836 | ng | | 96 |
| 69) Atrazine | 11.080 | 200 | 69291 | 43.945 | ng | | 96 |
| 70) Pentachlorophenol | 11.192 | 266 | 40912 | 36.743 | ng | | 92 |
| 71) Phenanthrene | 11.404 | 178 | 350321 | 38.254 | ng | | 98 |
| 72) Anthracene | 11.457 | 178 | 343062 | 37.197 | ng | | 100 |
| 73) Carbazole | 11.616 | 167 | 301103 | 37.464 | ng | | 95 |
| 74) Di-n-butylphthalate | 11.939 | 149 | 399520 | 38.680 | ng | | 99 |
| 75) Fluoranthene | 12.598 | 202 | 350913 | 36.505 | ng | | 95 |
| 77) Benzidine | 12.710 | 184 | 85586 | 41.332 | ng | # | 93 |
| 78) Pyrene | 12.827 | 202 | 346647 | 40.025 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.433 | 149 | 137858 | 39.238 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.010 | 228 | 245545 | 37.371 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.968 | 252 | 73045 | 37.895 | ng | | 98 |
| 83) Chrysene | 14.051 | 228 | 238969 | 37.696 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149 | 156745 | 37.505 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.604 | 149 | 211353 | 37.893 | ng | # | 92 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 206131 | 39.360 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.068 | 252 | 187251 | 37.473 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.098 | 252 | 182348 | 38.548 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.439 | 252 | 169132 | 38.969 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.004 | 278 | 170635 | 38.274 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.445 | 276 | 166682 | 37.842 | ng | | 98 |

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

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