Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119275.D
Acq On : 7 Mar 2020 4:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 09 04:06:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 105409 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.01 | 136 | 382007 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 199469 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.25 | 188 | 340179 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.89 | 240 | 278561 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.31 | 264 | 257539 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 535798 | 84.95 | ng | | 0.00 |
| 7) Phenol-d6 | 6.38 | 99 | 626822 | 81.71 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 585332 | 80.90 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 193165 | 74.03 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.08 | 172 | 1103611 | 81.51 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.83 | 244 | 1229361 | 75.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.34 | 88 | 105207 | 37.463 | ng | | 99 |
| 3) Pyridine | 3.07 | 79 | 291523 | 38.011 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.02 | 42 | 94273 | 40.577 | ng | | 92 |
| 6) Aniline | 6.39 | 93 | 368076 | 38.886 | ng | # | 77 |
| 8) 2-Chlorophenol | 6.52 | 128 | 279145 | 41.009 | ng | | 98 |
| 9) Benzaldehyde | 6.27 | 77 | 181721 | 35.457 | ng | | 98 |
| 10) Phenol | 6.40 | 94 | 339897 | 40.982 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.46 | 93 | 248743 | 39.197 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.67 | 146 | 329741 | 40.417 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.75 | 146 | 335356 | 41.077 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.90 | 146 | 310281 | 41.672 | ng | | 98 |
| 15) Benzyl Alcohol | 6.88 | 79 | 228350 | 41.188 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45 | 209543 | 38.118 | ng | # | 48 |
| 17) 2-Methylphenol | 7.00 | 107 | 221232 | 40.087 | ng | | 94 |
| 18) Hexachloroethane | 7.23 | 117 | 95675 | 32.756 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 186934 | 41.820 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.15 | 107 | 292620 | 43.279 | ng | | 90 |
| 22) Acetophenone | 7.14 | 105 | 368406 | 41.681 | ng | # | 94 |
| 24) Nitrobenzene | 7.31 | 77 | 287087 | 40.126 | ng | | 95 |
| 25) Isophorone | 7.55 | 82 | 488041 | 38.841 | ng | | 100 |
| 26) 2-Nitrophenol | 7.63 | 139 | 134527 | 35.487 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 199632 | 38.802 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93 | 315776 | 38.610 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.88 | 162 | 236742 | 39.087 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.95 | 180 | 277067 | 38.582 | ng | | 99 |
| 31) Naphthalene | 8.03 | 128 | 784183 | 39.582 | ng | | 98 |
| 32) Benzoic acid | 7.83 | 122 | 106815 | 31.173 | ng | | 99 |
| 33) 4-Chloroaniline | 8.09 | 127 | 335621 | 39.387 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.15 | 225 | 172701 | 38.608 | ng | | 98 |
| 35) Caprolactam | 8.46 | 113 | 75088 | 40.262 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.58 | 107 | 247316 | 40.347 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 523511 | 39.266 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.82 | 142 | 492671 | 39.292 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 269788 | 40.116 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.87 | 237 | 1327 | 9.873 | ng | | 75 |
| 43) 2,4,6-Trichlorophenol | 9.01 | 196 | 171567 | 40.398 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.06 | 196 | 172582 | 38.725 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.19 | 154 | 662791 | 41.113 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.21 | 162 | 527215 | 40.582 | ng | | 98 |
| 48) 2-Nitroaniline | 9.32 | 65 | 161278 | 44.509 | ng | | 98 |
| 49) Acenaphthylene | 9.62 | 152 | 752323 | 40.096 | ng | | 98 |
| 50) Dimethylphthalate | 9.49 | 163 | 623294 | 40.864 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.55 | 165 | 128153 | 37.817 | ng | # | 76 |
| 52) Acenaphthene | 9.79 | 154 | 455015 | 40.217 | ng | | 99 |
| 53) 3-Nitroaniline | 9.73 | 138 | 158890 | 42.293 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.87 | 184 | 5109 | 10.287 | ng | | 92 |
| 55) Dibenzofuran | 9.96 | 168 | 670470 | 39.703 | ng | | 100 |
| 56) 4-Nitrophenol | 9.92 | 139 | 80685 | 35.746 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 9.96 | 165 | 159528 | 36.318 | ng | # | 86 |
| 58) Fluorene | 10.31 | 166 | 535347 | 40.797 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.10 | 232 | 139662 | 37.140 | ng | | 99 |
| 60) Diethylphthalate | 10.18 | 149 | 592902 | 41.248 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204 | 283519 | 40.819 | ng | | 96 |
| 62) 4-Nitroaniline | 10.34 | 138 | 149745 | 38.959 | ng | | 95 |
| 63) Azobenzene | 10.46 | 77 | 500166 | 40.032 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198 | 14679 | 7.131 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.42 | 169 | 476744 | 42.801 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.79 | 248 | 180277 | 40.543 | ng | | 96 |
| 68) Hexachlorobenzene | 10.86 | 284 | 204130 | 39.817 | ng | | 99 |
| 69) Atrazine | 10.95 | 200 | 133082 | 34.196 | ng | | 99 |
| 70) Pentachlorophenol | 11.07 | 266 | 143974 | 69.716 | ng | | 96 |
| 71) Phenanthrene | 11.27 | 178 | 758505 | 40.886 | ng | | 97 |
| 72) Anthracene | 11.32 | 178 | 758479 | 40.919 | ng | | 98 |
| 73) Carbazole | 11.48 | 167 | 683568 | 41.395 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.80 | 149 | 863859 | 43.197 | ng | | 98 |
| 75) Fluoranthene | 12.46 | 202 | 791661 | 40.202 | ng | | 99 |
| 77) Benzidine | 12.58 | 184 | 569005 | 50.226 | ng | | 99 |
| 78) Pyrene | 12.69 | 202 | 795982 | 35.586 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.30 | 149 | 353724 | 37.574 | ng | | 100 |
| 81) Benzo(a)anthracene | 13.87 | 228 | 767589 | 40.442 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.83 | 252 | 316248 | 42.910 | ng | | 99 |
| 83) Chrysene | 13.92 | 228 | 741928 | 39.230 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 481552 | 40.489 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.46 | 149 | 805269 | 42.495 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.72 | 276 | 559392 | 30.548 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.91 | 252 | 735913 | 43.351 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.93 | 252 | 659499 | 41.922 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.26 | 252 | 608764 | 39.734 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.72 | 278 | 472124 | 35.022 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.14 | 276 | 420427 | 31.565 | ng | | 99 |

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

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