Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123197.D
Acq On : 12 Feb 2021 14:49
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
mohammad
2/15/2021 11:25:53 AM

Quant Time: Feb 12 15:18:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 14:20:25 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 162062 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 606698 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 301488 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 547035 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 444043 | 20.00 | ng | # 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 417089 | 20.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 1127530 | 107.32 | ng | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 1502721 | 105.52 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 1298177 | 107.69 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 358407 | 109.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 2054672 | 101.31 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 2377290 | 105.19 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.622 | 88 | 269835 | 51.62 | ng | 98 |
| 3) Pyridine | 3.375 | 79 | 718091 | 51.37 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.340 | 42 | 310316 | 52.75 | ng | 94 |
| 6) Aniline | 6.539 | 93 | 923302 | 52.68 | ng | 99 |
| 8) 2-Chlorophenol | 6.657 | 128 | 636383 | 55.88 | ng | 97 |
| 9) Benzaldehyde | 6.422 | 77 | 388915 | 59.74 | ng | 99 |
| 10) Phenol | 6.516 | 94 | 819158 | 58.00 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 581600 | 49.48 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 660683 | 49.75 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 672439 | 48.62 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 624262 | 48.24 | ng | 97 |
| 15) Benzyl Alcohol | 7.016 | 79 | 562959 | 56.39 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 738965 | 40.77 | ng | 98 |
| 17) 2-Methylphenol | 7.122 | 107 | 520679 | 53.73 | ng | 99 |
| 18) Hexachloroethane | 7.386 | 117 | 249526 | 51.51 | ng | 91 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 430852 | 50.31 | ng | 99 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 633355 | 55.49 | ng | 94 |
| 22) Acetophenone | 7.286 | 105 | 783287 | 49.55 | ng | 96 |
| 24) Nitrobenzene | 7.457 | 77 | 685316 | 55.18 | ng | 98 |
| 25) Isophorone | 7.698 | 82 | 1199364 | 54.31 | ng | 99 |
| 26) 2-Nitrophenol | 7.775 | 139 | 343568 | 66.89 | ng | 93 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 497663 | 53.70 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 644421 | 42.77 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 496147 | 51.19 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 527836 | 48.34 | ng | 98 |
| 31) Naphthalene | 8.180 | 128 | 1755125 | 52.74 | ng | 99 |
| 32) Benzoic acid | 7.945 | 122 | 442291 | 65.06 | ng | 99 |
| 33) 4-Chloroaniline | 8.228 | 127 | 750067 | 50.79 | ng | 98 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 285778 | 45.31 | ng | 100 |
| 35) Caprolactam | 8.610 | 113 | 177720 | 54.26 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 576636 | 57.22 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 1173023 | 53.10 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 1097351 | 52.46 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 445820 | 47.53 | ng | 97 |
| 41) Hexachlorocyclopentadiene | 9.027 | 237 | 232723 | 52.27 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 346631 | 53.91 | ng | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 379311 | 56.41 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 1272162 | 51.44 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 1034109 | 49.95 | ng | | 97 |
| 48) 2-Nitroaniline | 9.457 | 65 | 361074 | 57.55 | ng | | 88 |
| 49) Acenaphthylene | 9.780 | 152 | 1650152 | 54.46 | ng | | 99 |
| 50) Dimethylphthalate | 9.639 | 163 | 1163432 | 49.19 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 290280 | 57.61 | ng | # | 80 |
| 52) Acenaphthene | 9.951 | 154 | 1104464 | 56.75 | ng | | 99 |
| 53) 3-Nitroaniline | 9.869 | 138 | 350934 | 58.90 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 9.974 | 184 | 171664 | 90.36 | ng | | 95 |
| 55) Dibenzofuran | 10.127 | 168 | 1439568 | 50.83 | ng | | 97 |
| 56) 4-Nitrophenol | 10.027 | 139 | 296300 | 68.80 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 395559 | 60.37 | ng | | 92 |
| 58) Fluorene | 10.469 | 166 | 1114317 | 49.25 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 300064 | 52.62 | ng | # | 85 |
| 60) Diethylphthalate | 10.339 | 149 | 1175352 | 50.53 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 505053 | 47.51 | ng | | 91 |
| 62) 4-Nitroaniline | 10.486 | 138 | 348752 | 58.26 | ng | | 99 |
| 63) Azobenzene | 10.621 | 77 | 1201965 | 52.81 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 225365 | 81.98 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 1015288 | 51.49 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 325425 | 46.71 | ng | | 97 |
| 68) Hexachlorobenzene | 11.021 | 284 | 353979 | 47.37 | ng | | 97 |
| 69) Atrazine | 11.104 | 200 | 298073 | 54.74 | ng | | 98 |
| 70) Pentachlorophenol | 11.210 | 266 | 235919 | 58.25 | ng | | 98 |
| 71) Phenanthrene | 11.433 | 178 | 1710940 | 50.36 | ng | | 100 |
| 72) Anthracene | 11.486 | 178 | 1715724 | 52.64 | ng | | 100 |
| 73) Carbazole | 11.639 | 167 | 1639289 | 54.20 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.968 | 149 | 1774009 | 49.46 | ng | | 100 |
| 75) Fluoranthene | 12.627 | 202 | 1755955 | 51.71 | ng | | 99 |
| 78) Pyrene | 12.857 | 202 | 1800846 | 53.72 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 810403 | 56.18 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 1643819 | 54.70 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.009 | 252 | 572894 | 60.57 | ng | # | 97 |
| 83) Chrysene | 14.086 | 228 | 1629184 | 54.17 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 1033896 | 53.94 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 1796015 | 55.80 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.027 | 276 | 1478646 | 53.24 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 1721094m | 57.17 | ng | | |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 1435693 | 51.32 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 1456470 | 55.09 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 17.050 | 278 | 1253277 | 54.82 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.480 | 276 | 1209620 | 54.60 | ng | | 95 |

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

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