Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123226.D
Acq On : 19 Feb 2021 12:26
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC020

Quant Time: Feb 19 14:01:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 13:58:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.857 | 152 | 128965 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.145 | 136 | 502632 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 255872 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 485374 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 410695 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.515 | 264 | 469656 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 391905 | 46.06 | ng | | 0.00 |
| 7) Phenol-d6 | 6.481 | 99 | 531774 | 47.33 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.416 | 82 | 475566 | 49.72 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 113166 | 40.95 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 789320 | 46.10 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 921220 | 44.95 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.604 | 88 | 116116 | 29.29 | ng | | 91 |
| 3) Pyridine | 3.357 | 79 | 316550 | 30.90 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.298 | 42 | 140544 | 31.83 | ng | | 89 |
| 6) Aniline | 6.516 | 93 | 310525 | 23.22 | ng | | 96 |
| 8) 2-Chlorophenol | 6.639 | 128 | 207372 | 21.74 | ng | | 91 |
| 9) Benzaldehyde | 6.404 | 77 | 161589 | 24.50 | ng | | 89 |
| 10) Phenol | 6.492 | 94 | 290074 | 23.52 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.587 | 93 | 200812 | 23.44 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.798 | 146 | 217663 | 21.94 | ng | # | 94 |
| 13) 1,4-Dichlorobenzene | 6.875 | 146 | 224113 | 22.23 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 7.028 | 146 | 210084 | 22.36 | ng | | 94 |
| 15) Benzyl Alcohol | 6.998 | 79 | 208577 | 25.58 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 269665 | 24.38 | ng | | 100 |
| 17) 2-Methylphenol | 7.104 | 107 | 171264 | 22.37 | ng | | 95 |
| 18) Hexachloroethane | 7.375 | 117 | 83230 | 23.19 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 160289 | 24.89 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.257 | 107 | 228075 | 23.45 | ng | # | 89 |
| 22) Acetophenone | 7.263 | 105 | 282930 | 22.97 | ng | # | 92 |
| 24) Nitrobenzene | 7.439 | 77 | 251790 | 24.83 | ng | | 93 |
| 25) Isophorone | 7.675 | 82 | 434012 | 24.43 | ng | | 94 |
| 26) 2-Nitrophenol | 7.757 | 139 | 103411 | 21.18 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.792 | 122 | 160846 | 21.62 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.886 | 93 | 229886 | 23.85 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 167397 | 22.79 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.081 | 180 | 183808 | 23.31 | ng | | 99 |
| 31) Naphthalene | 8.163 | 128 | 594517 | 21.97 | ng | | 100 |
| 32) Benzoic acid | 7.892 | 122 | 102176 | 17.62 | ng | | 87 |
| 33) 4-Chloroaniline | 8.210 | 127 | 242384 | 21.65 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 103811 | 23.98 | ng | | 99 |
| 35) Caprolactam | 8.563 | 113 | 55156 | 21.43 | ng | | 86 |
| 36) 4-Chloro-3-methylphenol | 8.686 | 107 | 200790 | 23.42 | ng | | 88 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 398248 | 22.24 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 371447 | 22.07 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.022 | 216 | 165934 | 23.41 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 76036 | 23.45 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.133 | 196 | 116175 | 21.76 | ng | | 90 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123226.D
Acq On : 19 Feb 2021 12:26
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC020

Quant Time: Feb 19 14:01:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 13:58:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.175 | 196 | 126467 | 21.77 | ng | | 93 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 460928 | 22.31 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.345 | 162 | 363953 | 22.03 | ng | | 99 |
| 48) 2-Nitroaniline | 9.439 | 65 | 130126 | 23.50 | ng | # | 80 |
| 49) Acenaphthylene | 9.763 | 152 | 557352 | 20.97 | ng | | 99 |
| 50) Dimethylphthalate | 9.622 | 163 | 415807 | 22.42 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.680 | 165 | 97515 | 21.86 | ng | # | 76 |
| 52) Acenaphthene | 9.933 | 154 | 382557 | 22.13 | ng | | 97 |
| 53) 3-Nitroaniline | 9.851 | 138 | 104757 | 19.76 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 45940 | 19.42 | ng | | 87 |
| 55) Dibenzofuran | 10.110 | 168 | 518412 | 22.17 | ng | | 99 |
| 56) 4-Nitrophenol | 10.004 | 139 | 85553 | 19.63 | ng | # | 60 |
| 57) 2,4-Dinitrotoluene | 10.086 | 165 | 128990 | 21.41 | ng | | 93 |
| 58) Fluorene | 10.451 | 166 | 408377 | 22.51 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 100870 | 21.94 | ng | # | 84 |
| 60) Diethylphthalate | 10.322 | 149 | 409403 | 21.76 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 195282 | 24.16 | ng | | 98 |
| 62) 4-Nitroaniline | 10.463 | 138 | 106400 | 19.90 | ng | | 86 |
| 63) Azobenzene | 10.604 | 77 | 472655 | 24.01 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 69866 | 22.34 | ng | # | 74 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 359905 | 21.94 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 113237 | 21.96 | ng | | 92 |
| 68) Hexachlorobenzene | 11.004 | 284 | 118548 | 21.01 | ng | | 98 |
| 69) Atrazine | 11.086 | 200 | 115083 | 23.53 | ng | | 97 |
| 70) Pentachlorophenol | 11.198 | 266 | 76480 | 21.75 | ng | | 98 |
| 71) Phenanthrene | 11.416 | 178 | 617671 | 21.60 | ng | | 99 |
| 72) Anthracene | 11.469 | 178 | 626654 | 21.93 | ng | | 98 |
| 73) Carbazole | 11.621 | 167 | 582237 | 21.38 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 654721 | 22.35 | ng | | 99 |
| 75) Fluoranthene | 12.610 | 202 | 659703 | 22.96 | ng | | 99 |
| 77) Benzidine | 12.727 | 184 | 294603 | 20.25 | ng | | 100 |
| 78) Pyrene | 12.839 | 202 | 684395 | 22.54 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 288751 | 21.51 | ng | | 87 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 601277 | 21.73 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 208190 | 21.72 | ng | # | 99 |
| 83) Chrysene | 14.068 | 228 | 593778 | 21.78 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149 | 401282 | 23.03 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 680047 | 22.69 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 761850 | 23.61 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 596031 | 18.06 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.115 | 252 | 569621 | 18.79 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.451 | 252 | 606573 | 20.56 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 17.009 | 278 | 652037 | 23.83 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 17.439 | 276 | 501343 | 18.83 | ng | | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123226.D
Acq On : 19 Feb 2021 12:26
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

Quant Time: Feb 19 14:01:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 13:58:44 2021
Response via : Initial Calibration