Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051147.D
Acq On : 20 Nov 2021 14:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 22 01:21:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.205 | 152 | 26289 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.031 | 136 | 113754 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.839 | 164 | 79516 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.588 | 188 | 181049 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.889 | 240 | 162760 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 25.291 | 264 | 165538 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.738 | 112 | 133987 | 78.787 | ng | | 0.00 |
| 7) Phenol-d6 | 7.359 | 99 | 187634 | 78.336 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.380 | 82 | 194242 | 77.948 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.331 | 330 | 68634 | 81.209 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.458 | 172 | 406893 | 77.216 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.174 | 244 | 694266 | 77.979 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.581 | 88 | 28116 | 39.428 | ng | | 94 |
| 3) Pyridine | 3.998 | 79 | 84583 | 39.870 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.910 | 42 | 37098 | 40.672 | ng | # | 34 |
| 6) Aniline | 7.524 | 93 | 110735 | 38.918 | ng | | 96 |
| 8) 2-Chlorophenol | 7.765 | 128 | 70542 | 39.523 | ng | | 92 |
| 9) Benzaldehyde | 7.336 | 77 | 61266 | 35.353 | ng | | 91 |
| 10) Phenol | 7.389 | 94 | 95961 | 39.027 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 7.612 | 93 | 72449 | 38.974 | ng | | 86 |
| 12) 1,3-Dichlorobenzene | 8.094 | 146 | 76149 | 39.880 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.241 | 146 | 77048 | 38.922 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.564 | 146 | 74089 | 39.455 | ng | | 95 |
| 15) Benzyl Alcohol | 8.446 | 79 | 75633 | 39.521 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.728 | 45 | 104272 | 38.804 | ng | | 91 |
| 17) 2-Methylphenol | 8.646 | 107 | 65008 | 39.162 | ng | | 90 |
| 18) Hexachloroethane | 9.292 | 117 | 28951 | 39.138 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 9.010 | 70 | 67719 | 38.302 | ng | # | 85 |
| 20) 3+4-Methylphenols | 8.975 | 107 | 91799 | 38.804 | ng | | 92 |
| 22) Acetophenone | 9.034 | 105 | 118931 | 38.700 | ng | # | 92 |
| 24) Nitrobenzene | 9.422 | 77 | 94769 | 39.214 | ng | # | 94 |
| 25) Isophorone | 9.944 | 82 | 171825 | 38.300 | ng | # | 94 |
| 26) 2-Nitrophenol | 10.138 | 139 | 43240 | 39.524 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 10.185 | 122 | 61597 | 38.145 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.420 | 93 | 102231 | 38.267 | ng | | 93 |
| 29) 2,4-Dichlorophenol | 10.679 | 162 | 70908 | 38.907 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.890 | 180 | 80138 | 39.146 | ng | | 96 |
| 31) Naphthalene | 11.084 | 128 | 230239 | 38.357 | ng | | 97 |
| 32) Benzoic acid | 10.344 | 122 | 44734 | 40.165 | ng | # | 77 |
| 33) 4-Chloroaniline | 11.196 | 127 | 99468 | 38.560 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.349 | 225 | 49980 | 39.543 | ng | | 98 |
| 35) Caprolactam | 11.977 | 113 | 19122 | 39.287 | ng | # | 87 |
| 36) 4-Chloro-3-methylphenol | 12.300 | 107 | 87893 | 39.059 | ng | # | 90 |
| 37) 2-Methylnaphthalene | 12.677 | 142 | 163721 | 38.499 | ng | | 94 |
| 38) 1-Methylnaphthalene | 12.894 | 142 | 158541 | 38.186 | ng | | 91 |
| 40) 1,2,4,5-Tetrachloroben... | 13.041 | 216 | 93951 | 38.877 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 13.006 | 237 | 35817 | 56.827 | ng | | 87 |
| 43) 2,4,6-Trichlorophenol | 13.276 | 196 | 66951 | 40.181 | ng | | 92 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051147.D
Acq On : 20 Nov 2021 14:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 22 01:21:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.358 | 196 | 69756 | 38.733 | ng | | 91 |
| 46) 1,1'-Biphenyl | 13.669 | 154 | 221451 | 38.743 | ng | | 95 |
| 47) 2-Chloronaphthalene | 13.722 | 162 | 173869 | 38.422 | ng | | 98 |
| 48) 2-Nitroaniline | 13.928 | 65 | 64602 | 39.498 | ng | | 92 |
| 49) Acenaphthylene | 14.563 | 152 | 277502 | 38.463 | ng | | 97 |
| 50) Dimethylphthalate | 14.281 | 163 | 236910 | 38.673 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.410 | 165 | 50494 | 39.462 | ng | | 82 |
| 52) Acenaphthene | 14.903 | 154 | 162912 | 38.689 | ng | | 90 |
| 53) 3-Nitroaniline | 14.751 | 138 | 57158 | 39.877 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.962 | 184 | 27861 | 40.856 | ng | | 82 |
| 55) Dibenzofuran | 15.232 | 168 | 283638 | 38.787 | ng | | 94 |
| 56) 4-Nitrophenol | 15.062 | 139 | 42375 | 42.027 | ng | # | 72 |
| 57) 2,4-Dinitrotoluene | 15.203 | 165 | 72683 | 39.657 | ng | # | 91 |
| 58) Fluorene | 15.885 | 166 | 222971 | 38.835 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.461 | 232 | 60253 | 38.970 | ng | # | 99 |
| 60) Diethylphthalate | 15.632 | 149 | 249897 | 38.682 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.867 | 204 | 122209 | 38.935 | ng | | 94 |
| 62) 4-Nitroaniline | 15.914 | 138 | 58987 | 38.484 | ng | # | 65 |
| 63) Azobenzene | 16.161 | 77 | 251255 | 38.835 | ng | | 82 |
| 65) 4,6-Dinitro-2-methylph... | 15.967 | 198 | 47129 | 43.588 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 16.084 | 169 | 201353 | 38.755 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.760 | 248 | 76952 | 39.298 | ng | | 95 |
| 68) Hexachlorobenzene | 16.889 | 284 | 78150 | 39.266 | ng | | 97 |
| 69) Atrazine | 17.024 | 200 | 52532 | 38.019 | ng | | 99 |
| 70) Pentachlorophenol | 17.236 | 266 | 39524 | 43.682 | ng | | 97 |
| 71) Phenanthrene | 17.630 | 178 | 375245 | 38.561 | ng | | 97 |
| 72) Anthracene | 17.718 | 178 | 373021 | 38.640 | ng | | 98 |
| 73) Carbazole | 17.994 | 167 | 363573 | 38.289 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.517 | 149 | 441579 | 38.412 | ng | # | 97 |
| 75) Fluoranthene | 19.627 | 202 | 462774 | 38.575 | ng | | 96 |
| 77) Benzidine | 19.803 | 184 | 87149 | 32.609 | ng | | 97 |
| 78) Pyrene | 19.991 | 202 | 467089 | 39.571 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.855 | 149 | 192595 | 38.273 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.866 | 228 | 426824 | 38.453 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.772 | 252 | 188403 | 37.983 | ng | # | 98 |
| 83) Chrysene | 21.936 | 228 | 403451 | 38.711 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.731 | 149 | 269210 | 38.406 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.994 | 149 | 453443 | 38.608 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 29.210 | 276 | 457502 | 38.510 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 24.198 | 252 | 407954 | 39.978 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 24.275 | 252 | 391748 | 37.845 | ng | # | 97 |
| 90) Benzo(a)pyrene | 25.127 | 252 | 341931 | 38.615 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 29.263 | 278 | 372535 | 38.064 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 30.444 | 276 | 371588 | 38.388 | ng | # | 93 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051147.D
Acq On : 20 Nov 2021 14:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 22 01:21:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration