Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131225.D
Acq On : 14 Nov 2022 14:37
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 15 03:28:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 68126 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.098 | 136 | 247985 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.857 | 164 | 123252 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.345 | 188 | 226735 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.992 | 240 | 160484 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.445 | 264 | 109120 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 377188 | 84.704 | ng | | 0.00 |
| 7) Phenol-d6 | 6.451 | 99 | 635187 | 114.595 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.387 | 82 | 546451 | 94.543 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 125618 | 102.902 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.175 | 172 | 881107 | 99.279 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.933 | 244 | 1006178 | 107.568 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.522 | 88 | 96772 | 50.335 | ng | | 99 |
| 3) Pyridine | 3.263 | 79 | 259937 | 48.353 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.246 | 42 | 178703 | 48.949 | ng | | 99 |
| 6) Aniline | 6.475 | 93 | 395412 | 57.161 | ng | | 98 |
| 8) 2-Chlorophenol | 6.598 | 128 | 267212 | 58.005 | ng | | 97 |
| 9) Benzaldehyde | 6.363 | 77 | 138479 | 43.347 | ng | | 98 |
| 10) Phenol | 6.463 | 94 | 366785 | 56.050 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.551 | 93 | 278568 | 59.203 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.751 | 146 | 252672 | 48.869 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.828 | 146 | 256847 | 46.926 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.981 | 146 | 222070 | 46.291 | ng | | 99 |
| 15) Benzyl Alcohol | 6.963 | 79 | 183488m | 48.711 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087 | 45 | 392702 | 46.140 | ng | | 99 |
| 17) 2-Methylphenol | 7.069 | 107 | 188364 | 45.656 | ng | | 98 |
| 18) Hexachloroethane | 7.322 | 117 | 97747 | 44.273 | ng | # | 88 |
| 19) n-Nitroso-di-n-propyla... | 7.234 | 70 | 183364 | 48.074 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 245507 | 48.626 | ng | # | 85 |
| 22) Acetophenone | 7.228 | 105 | 334240 | 50.185 | ng | | 94 |
| 24) Nitrobenzene | 7.404 | 77 | 267697 | 46.529 | ng | | 98 |
| 25) Isophorone | 7.640 | 82 | 500163 | 53.354 | ng | | 98 |
| 26) 2-Nitrophenol | 7.716 | 139 | 125968 | 51.083 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.751 | 122 | 187347 | 50.575 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.845 | 93 | 237243 | 47.769 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.957 | 162 | 189040 | 49.098 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.034 | 180 | 239106 | 54.828 | ng | | 99 |
| 31) Naphthalene | 8.116 | 128 | 662218 | 48.892 | ng | | 100 |
| 32) Benzoic acid | 7.904 | 122 | 94977 | 52.810 | ng | | 94 |
| 33) 4-Chloroaniline | 8.175 | 127 | 266181 | 50.566 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.228 | 225 | 151253 | 50.098 | ng | | 99 |
| 35) Caprolactam | 8.563 | 113 | 53218m | 46.518 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 198764 | 44.217 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.810 | 142 | 387667 | 45.509 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.910 | 142 | 373208 | 45.958 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.975 | 216 | 197571 | 50.658 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.957 | 237 | 62387 | 64.789 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.092 | 196 | 126411 | 53.106 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131225.D
Acq On : 14 Nov 2022 14:37
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 15 03:28:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.134 | 196 | 140687 | 55.105 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.275 | 154 | 467010 | 50.420 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.304 | 162 | 374537 | 49.281 | ng | | 97 |
| 48) 2-Nitroaniline | 9.404 | 65 | 150856 | 51.748 | ng | | 96 |
| 49) Acenaphthylene | 9.716 | 152 | 567029 | 49.098 | ng | | 99 |
| 50) Dimethylphthalate | 9.581 | 163 | 447997 | 48.325 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 97748 | 47.804 | ng | | 87 |
| 52) Acenaphthene | 9.892 | 154 | 343091 | 46.763 | ng | | 99 |
| 53) 3-Nitroaniline | 9.822 | 138 | 105277 | 48.599 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.928 | 184 | 47130 | 55.045 | ng | | 91 |
| 55) Dibenzofuran | 10.063 | 168 | 505366 | 45.430 | ng | | 98 |
| 56) 4-Nitrophenol | 9.986 | 139 | 59727 | 51.785 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.057 | 165 | 130045 | 49.562 | ng | | 94 |
| 58) Fluorene | 10.404 | 166 | 422879 | 44.869 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.181 | 232 | 113069 | 49.044 | ng | | 99 |
| 60) Diethylphthalate | 10.281 | 149 | 453094 | 45.770 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204 | 201673 | 45.792 | ng | | 93 |
| 62) 4-Nitroaniline | 10.439 | 138 | 106839 | 44.968 | ng | | 95 |
| 63) Azobenzene | 10.557 | 77 | 472918 | 46.404 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198 | 75271 | 43.832 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.522 | 169 | 371546 | 42.367 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248 | 128442 | 47.913 | ng | | 96 |
| 68) Hexachlorobenzene | 10.951 | 284 | 141122 | 48.039 | ng | | 98 |
| 69) Atrazine | 11.045 | 200 | 120446 | 48.042 | ng | | 96 |
| 70) Pentachlorophenol | 11.151 | 266 | 49553 | 57.145 | ng | | 95 |
| 71) Phenanthrene | 11.369 | 178 | 625759 | 47.884 | ng | | 99 |
| 72) Anthracene | 11.422 | 178 | 616859 | 49.263 | ng | | 99 |
| 73) Carbazole | 11.580 | 167 | 519225 | 43.330 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.904 | 149 | 680359 | 46.077 | ng | | 99 |
| 75) Fluoranthene | 12.563 | 202 | 661338 | 47.956 | ng | | 97 |
| 77) Benzidine | 12.680 | 184 | 223563 | 55.508 | ng | | 100 |
| 78) Pyrene | 12.792 | 202 | 714349 | 52.361 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.404 | 149 | 287645 | 52.595 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.980 | 228 | 550348 | 48.261 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.945 | 252 | 157018 | 47.298 | ng | # | 97 |
| 83) Chrysene | 14.016 | 228 | 513243 | 47.219 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149 | 354742 | 51.016 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.574 | 149 | 606921 | 59.977 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.921 | 276 | 396986 | 52.991 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 410670 | 51.362 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 382134 | 50.830 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.392 | 252 | 304353 | 48.639 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.933 | 278 | 326015 | 53.179 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.368 | 276 | 326301 | 51.396 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131225.D
Acq On : 14 Nov 2022 14:37
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 15 03:28:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration