Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
Data File : BF126585.D
Acq On : 11 Jan 2022 11:58
Operator : JU/CG
Sample : PB141938BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 14:07:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB141938BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.769 | 152 | 87406 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.057 | 136 | 378184 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.816 | 164 | 184300 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.304 | 188 | 304723 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 13.951 | 240 | 216044 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.410 | 264 | 187588 | 20.000 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.398 | 112 | 683915 | 112.366 | ng | | 0.02 |
| 7) Phenol-d6 | 6.416 | 99 | 882572 | 111.954 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.339 | 82 | 582180 | 79.043 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.610 | 330 | 218557 | 153.463 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.133 | 172 | 875127 | 83.559 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.892 | 244 | 893161 | 80.324 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.552 | 88 | 100037 | 32.775 | ng | | 99 |
| 3) Pyridine | 3.275 | 79 | 222436 | 27.017 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.222 | 42 | 128293 | 37.901 | ng | | 95 |
| 6) Aniline | 6.434 | 93 | 226865 | 23.143 | ng | # | 86 |
| 8) 2-Chlorophenol | 6.557 | 128 | 289229 | 47.650 | ng | | 93 |
| 9) Benzaldehyde | 6.316 | 77 | 179405 | 36.762 | ng | | 95 |
| 10) Phenol | 6.428 | 94 | 343265 | 39.018 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.510 | 93 | 291758 | 43.432 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.710 | 146 | 273366 | 45.068 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.787 | 146 | 275647 | 45.527 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.939 | 146 | 269342 | 45.657 | ng | | 97 |
| 15) Benzyl Alcohol | 6.916 | 79 | 249814 | 45.291 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.051 | 45 | 456720 | 43.291 | ng | | 100 |
| 17) 2-Methylphenol | 7.034 | 107 | 231296 | 43.320 | ng | | 98 |
| 18) Hexachloroethane | 7.281 | 117 | 108550 | 45.000 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.192 | 70 | 190805 | 42.415 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.187 | 107 | 267007 | 42.004 | ng | | 94 |
| 22) Acetophenone | 7.181 | 105 | 382984 | 43.805 | ng | # | 97 |
| 24) Nitrobenzene | 7.357 | 77 | 303048 | 41.117 | ng | | 95 |
| 25) Isophorone | 7.598 | 82 | 549856 | 41.703 | ng | | 98 |
| 26) 2-Nitrophenol | 7.675 | 139 | 150004 | 45.910 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.716 | 122 | 251201 | 49.169 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.810 | 93 | 354842 | 41.197 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.916 | 162 | 219224 | 46.994 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.998 | 180 | 222009 | 45.663 | ng | | 100 |
| 31) Naphthalene | 8.081 | 128 | 806671 | 45.191 | ng | | 99 |
| 32) Benzoic acid | 7.863 | 122 | 161752 | 44.285 | ng | | 95 |
| 33) 4-Chloroaniline | 8.128 | 127 | 121136 | 16.199 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.198 | 225 | 113683 | 48.108 | ng | | 98 |
| 35) Caprolactam | 8.510 | 113 | 82587m | 69.591 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.622 | 107 | 255474 | 44.874 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.769 | 142 | 521028 | 49.480 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.869 | 142 | 482767 | 47.420 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.939 | 216 | 187506 | 46.820 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 8.928 | 237 | 184498 | 113.152 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.051 | 196 | 134847 | 45.530 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
Data File : BF126585.D
Acq On : 11 Jan 2022 11:58
Operator : JU/CG
Sample : PB141938BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 14:07:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB141938BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.092 | 196 | 142082 | 44.568 | ng | | 99 |
| 46) | 1,1'-Biphenyl | 9.233 | 154 | 622142 | 46.025 | ng | | 100 |
| 47) | 2-Chloronaphthalene | 9.263 | 162 | 442286 | 43.199 | ng | | 99 |
| 48) | 2-Nitroaniline | 9.357 | 65 | 161838 | 39.144 | ng | | 89 |
| 49) | Acenaphthylene | 9.675 | 152 | 701506 | 45.176 | ng | | 100 |
| 50) | Dimethylphthalate | 9.545 | 163 | 534025 | 46.415 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 9.604 | 165 | 118166 | 47.557 | ng | | 90 |
| 52) | Acenaphthene | 9.851 | 154 | 499914m | 49.107 | ng | | |
| 53) | 3-Nitroaniline | 9.769 | 138 | 64241 | 18.857 | ng | | 87 |
| 54) | 2,4-Dinitrophenol | 9.880 | 184 | 115346 | 89.816 | ng | | 91 |
| 55) | Dibenzofuran | 10.022 | 168 | 607617 | 44.151 | ng | | 97 |
| 56) | 4-Nitrophenol | 9.945 | 139 | 204863 | 84.552 | ng | | 95 |
| 57) | 2,4-Dinitrotoluene | 10.010 | 165 | 155094 | 48.380 | ng | | 96 |
| 58) | Fluorene | 10.363 | 166 | 455014 | 46.762 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.145 | 232 | 113271 | 49.503 | ng | | 91 |
| 60) | Diethylphthalate | 10.245 | 149 | 505520 | 45.590 | ng | | 98 |
| 61) | 4-Chlorophenyl-phenyle... | 10.357 | 204 | 199266 | 46.927 | ng | | 95 |
| 62) | 4-Nitroaniline | 10.386 | 138 | 130877 | 40.790 | ng | | 93 |
| 63) | Azobenzene | 10.516 | 77 | 571466 | 40.011 | ng | | 97 |
| 65) | 4,6-Dinitro-2-methylph... | 10.422 | 198 | 77648 | 47.054 | ng | | 91 |
| 66) | n-Nitrosodiphenylamine | 10.480 | 169 | 422209 | 44.659 | ng | | 98 |
| 67) | 4-Bromophenyl-phenylether | 10.845 | 248 | 128425 | 47.482 | ng | | 96 |
| 68) | Hexachlorobenzene | 10.916 | 284 | 159165 | 50.591 | ng | # | 91 |
| 69) | Atrazine | 11.010 | 200 | 129079 | 79.290 | ng | | 96 |
| 70) | Pentachlorophenol | 11.110 | 266 | 150809 | 98.625 | ng | | 98 |
| 71) | Phenanthrene | 11.327 | 178 | 706960 | 45.379 | ng | | 99 |
| 72) | Anthracene | 11.380 | 178 | 723768 | 46.430 | ng | | 99 |
| 73) | Carbazole | 11.533 | 167 | 668998 | 43.827 | ng | | 99 |
| 74) | Di-n-butylphthalate | 11.869 | 149 | 787744 | 45.329 | ng | | 99 |
| 75) | Fluoranthene | 12.516 | 202 | 706714 | 49.703 | ng | | 98 |
| 77) | Benzidine | 12.639 | 184 | 231068 | 65.979 | ng | | 98 |
| 78) | Pyrene | 12.745 | 202 | 715979 | 39.215 | ng | | 99 |
| 80) | Butylbenzylphthalate | 13.368 | 149 | 329397 | 40.715 | ng | | 95 |
| 81) | Benzo(a)anthracene | 13.939 | 228 | 519267 | 41.794 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 13.904 | 252 | 143645 | 24.782 | ng | # | 97 |
| 83) | Chrysene | 13.980 | 228 | 562986 | 44.175 | ng | | 98 |
| 84) | Bis(2-ethylhexyl)phtha... | 13.933 | 149 | 392385 | 46.799 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 14.563 | 149 | 747533 | 51.409 | ng | | 97 |
| 87) | Indeno(1,2,3-cd)pyrene | 16.839 | 276 | 478377 | 38.105 | ng | | 93 |
| 88) | Benzo(b)fluoranthene | 14.998 | 252 | 579672 | 51.873 | ng | # | 94 |
| 89) | Benzo(k)fluoranthene | 15.027 | 252 | 504355 | 46.591 | ng | # | 95 |
| 90) | Benzo(a)pyrene | 15.351 | 252 | 503128 | 53.696 | ng | # | 96 |
| 91) | Dibenzo(a,h)anthracene | 16.856 | 278 | 403608 | 39.842 | ng | | 96 |
| 92) | Benzo(g,h,i)perylene | 17.268 | 276 | 404771 | 37.524 | ng | # | 93 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
Data File : BF126585.D
Acq On : 11 Jan 2022 11:58
Operator : JU/CG
Sample : PB141938BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 14:07:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB141938BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022