Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140497.D
Acq On : 20 Nov 2024 13:35
Operator : RC/JU
Sample : P4892-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WB-310-BOTMSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 14:10:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 115233 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 427479 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 231375 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 409075 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 206876 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 225913 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 712357 | 105.549 | ng | | 0.02 |
| 7) Phenol-d6 | 6.516 | 99 | 921403 | 100.767 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 592509 | 72.217 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 258218 | 112.228 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 1084808 | 75.370 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 1020809 | 85.651 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.681 | 88 | 130097 | 43.250 | ng | | 96 |
| 3) Pyridine | 3.446 | 79 | 321443 | 43.467 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.399 | 42 | 182270 | 48.768 | ng | | 98 |
| 6) Aniline | 6.540 | 93 | 371943 | 46.759 | ng | # | 60 |
| 8) 2-Chlorophenol | 6.663 | 128 | 377267 | 52.038 | ng | | 98 |
| 9) Benzaldehyde | 6.428 | 77 | 30199 | 5.510 | ng | | 97 |
| 10) Phenol | 6.528 | 94 | 485275 | 50.324 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 373257 | 51.086 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 394685 | 49.341 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 398448 | 49.125 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 378219 | 50.231 | ng | | 100 |
| 15) Benzyl Alcohol | 7.016 | 79 | 334977 | 50.847 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 488625 | 48.416 | ng | | 70 |
| 17) 2-Methylphenol | 7.134 | 107 | 292445 | 49.036 | ng | # | 93 |
| 18) Hexachloroethane | 7.387 | 117 | 149187 | 49.754 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.287 | 70 | 262846 | 47.595 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 359547 | 48.207 | ng | | 93 |
| 22) Acetophenone | 7.281 | 105 | 491432 | 49.428 | ng | | 99 |
| 24) Nitrobenzene | 7.457 | 77 | 411726 | 48.198 | ng | | 99 |
| 25) Isophorone | 7.692 | 82 | 734030 | 50.480 | ng | | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 201445 | 53.142 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 296159m | 61.025 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 446049 | 50.027 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 310556 | 51.778 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 327381 | 49.027 | ng | | 99 |
| 31) Naphthalene | 8.175 | 128 | 1067784 | 49.240 | ng | | 100 |
| 32) Benzoic acid | 7.939 | 122 | 193846 | 45.393 | ng | | 96 |
| 33) 4-Chloroaniline | 8.228 | 127 | 151029 | 20.026 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 212771 | 50.010 | ng | | 99 |
| 35) Caprolactam | 8.598 | 113 | 98618m | 49.470 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 334024 | 50.254 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 689081 | 49.557 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 648042 | 47.593 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 329073 | 51.431 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 332726 | 202.539 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 220697 | 52.560 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140497.D
Acq On : 20 Nov 2024 13:35
Operator : RC/JU
Sample : P4892-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WB-310-BOTMSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 14:10:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 230550 | 50.220 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.333 | 154 | 846207 | 50.272 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 638544 | 49.799 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 215455 | 50.667 | ng | 99 |
| 49) Acenaphthylene | 9.775 | 152 | 1045592 | 53.896 | ng | 100 |
| 50) Dimethylphthalate | 9.633 | 163 | 791800 | 52.502 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 169868 | 49.407 | ng | 98 |
| 52) Acenaphthene | 9.945 | 154 | 747063m | 57.014 | ng | |
| 53) 3-Nitroaniline | 9.869 | 138 | 117324 | 32.493 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 180348 | 101.720 | ng | 98 |
| 55) Dibenzofuran | 10.116 | 168 | 959230 | 51.712 | ng | 100 |
| 56) 4-Nitrophenol | 10.045 | 139 | 238994 | 90.745 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 227337 | 50.241 | ng | 99 |
| 58) Fluorene | 10.463 | 166 | 738282 | 50.382 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 193061 | 53.260 | ng | 99 |
| 60) Diethylphthalate | 10.328 | 149 | 794405 | 51.514 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 368215 | 50.898 | ng | 99 |
| 62) 4-Nitroaniline | 10.486 | 138 | 172490 | 46.721 | ng | 99 |
| 63) Azobenzene | 10.610 | 77 | 826525 | 54.244 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 123849 | 56.272 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 647087 | 54.747 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 222069 | 54.307 | ng | 98 |
| 68) Hexachlorobenzene | 11.010 | 284 | 245229 | 53.300 | ng | 98 |
| 69) Atrazine | 11.098 | 200 | 205079 | 57.349 | ng | 99 |
| 70) Pentachlorophenol | 11.210 | 266 | 241085 | 97.276 | ng | 99 |
| 71) Phenanthrene | 11.427 | 178 | 1008970 | 52.505 | ng | 100 |
| 72) Anthracene | 11.480 | 178 | 1030542 | 54.719 | ng | 100 |
| 73) Carbazole | 11.633 | 167 | 913948 | 49.147 | ng | 100 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 1161034 | 52.019 | ng | 100 |
| 75) Fluoranthene | 12.616 | 202 | 1005608 | 46.644 | ng | 99 |
| 77) Benzidine | 12.739 | 184 | 149604 | 18.842 | ng | 98 |
| 78) Pyrene | 12.845 | 202 | 1002591 | 56.658 | ng | 100 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 380539 | 55.980 | ng | 96 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 751085 | 55.241 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 167008 | 38.645 | ng | 99 |
| 83) Chrysene | 14.074 | 228 | 648530 | 52.277 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 496820 | 54.755 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 743761 | 58.202 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 870838 | 62.402 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 742952 | 50.274 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 566235 | 46.902 | ng | 98 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 642992 | 56.028 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 709908 | 61.542 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 671446 | 56.936 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140497.D
Acq On : 20 Nov 2024 13:35
Operator : RC/JU
Sample : P4892-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 14:10:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
WB-310-BOTMSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024