Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125500.D
Acq On : 15 Sep 2021 12:15
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
mohammad
9/16/2021 11:44:33 AM

Quant Time: Sep 15 13:07:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 166579 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 614930 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 330865 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 607591 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 429368 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 341190 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 756893 | 68.774 | ng | | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 1006864 | 70.739 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.439 | 82 | 935432 | 76.583 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 302379 | 91.553 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 1611308 | 67.874 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.986 | 244 | 1922414 | 71.328 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 196475 | 36.179 | ng | # | 100 |
| 3) Pyridine | 3.422 | 79 | 508469 | 35.467 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 250424 | 34.908 | ng | # | 38 |
| 6) Aniline | 6.534 | 93 | 587972 | 35.167 | ng | # | 88 |
| 8) 2-Chlorophenol | 6.657 | 128 | 398555 | 35.499 | ng | # | 80 |
| 9) Benzaldehyde | 6.422 | 77 | 301443 | 30.177 | ng | | 93 |
| 10) Phenol | 6.522 | 94 | 547882 | 36.756 | ng | | 84 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 422347 | 35.977 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 464138 | 35.676 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 471493 | 36.371 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 424562 | 34.812 | ng | | 97 |
| 15) Benzyl Alcohol | 7.016 | 79 | 371918 | 33.937 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 776134 | 32.967 | ng | | 92 |
| 17) 2-Methylphenol | 7.128 | 107 | 338816 | 35.925 | ng | # | 93 |
| 18) Hexachloroethane | 7.381 | 117 | 167046 | 36.799 | ng | # | 87 |
| 19) n-Nitroso-di-n-propyla... | 7.286 | 70 | 300993 | 35.157 | ng | # | 79 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 396723 | 33.511 | ng | # | 72 |
| 22) Acetophenone | 7.281 | 105 | 545557 | 34.472 | ng | # | 82 |
| 24) Nitrobenzene | 7.457 | 77 | 491241 | 36.909 | ng | # | 88 |
| 25) Isophorone | 7.698 | 82 | 878233 | 37.271 | ng | # | 89 |
| 26) 2-Nitrophenol | 7.769 | 139 | 228719 | 43.037 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 315712 | 33.933 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 479416 | 36.746 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 365265 | 38.496 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 387612 | 37.462 | ng | | 94 |
| 31) Naphthalene | 8.175 | 128 | 1125361 | 35.734 | ng | | 99 |
| 32) Benzoic acid | 7.951 | 122 | 220797m | 34.965 | ng | | |
| 33) 4-Chloroaniline | 8.228 | 127 | 469238 | 37.795 | ng | # | 90 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 249284 | 37.785 | ng | | 97 |
| 35) Caprolactam | 8.610 | 113 | 109400 | 44.514 | ng | # | 51 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 388451 | 40.102 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 772466 | 37.119 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 724960 | 37.305 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 9.033 | 216 | 388297 | 35.920 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 135250 | 23.814 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 273706 | 35.960 | ng | | 95 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125500.D
Acq On : 15 Sep 2021 12:15
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
mohammad
9/16/2021 11:44:33 AM

Quant Time: Sep 15 13:07:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 293202 | 36.615 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.333 | 154 | 898681 | 33.691 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 755825 | 34.868 | ng | | 98 |
| 48) 2-Nitroaniline | 9.457 | 65 | 274968 | 40.922 | ng | # | 80 |
| 49) Acenaphthylene | 9.774 | 152 | 1108611 | 35.097 | ng | | 99 |
| 50) Dimethylphthalate | 9.633 | 163 | 863620 | 37.665 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 200756 | 40.379 | ng | # | 80 |
| 52) Acenaphthene | 9.945 | 154 | 670565 | 34.244 | ng | | 99 |
| 53) 3-Nitroaniline | 9.874 | 138 | 219046 | 40.855 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 107156 | 54.564 | ng | # | 82 |
| 55) Dibenzofuran | 10.122 | 168 | 989587 | 35.115 | ng | | 97 |
| 56) 4-Nitrophenol | 10.039 | 139 | 156873 | 36.948 | ng | # | 78 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 260546 | 43.300 | ng | # | 94 |
| 58) Fluorene | 10.463 | 166 | 785570 | 37.705 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 237883 | 40.030 | ng | # | 83 |
| 60) Diethylphthalate | 10.333 | 149 | 827097 | 37.002 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 392810 | 37.289 | ng | | 89 |
| 62) 4-Nitroaniline | 10.492 | 138 | 219812 | 45.592 | ng | # | 84 |
| 63) Azobenzene | 10.610 | 77 | 893958 | 35.655 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 162984 | 50.683 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.574 | 169 | 751621 | 34.548 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248 | 271226 | 37.174 | ng | | 96 |
| 68) Hexachlorobenzene | 11.010 | 284 | 293633 | 39.121 | ng | # | 85 |
| 69) Atrazine | 11.098 | 200 | 235867 | 37.782 | ng | | 90 |
| 70) Pentachlorophenol | 11.210 | 266 | 155434 | 35.466 | ng | | 89 |
| 71) Phenanthrene | 11.427 | 178 | 1183613 | 35.354 | ng | | 97 |
| 72) Anthracene | 11.480 | 178 | 1173003 | 35.547 | ng | | 98 |
| 73) Carbazole | 11.633 | 167 | 1104853 | 36.639 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 1251862 | 34.984 | ng | | 100 |
| 75) Fluoranthene | 12.616 | 202 | 1286215 | 38.719 | ng | | 97 |
| 77) Benzidine | 12.739 | 184 | 510931 | 34.072 | ng | | 99 |
| 78) Pyrene | 12.845 | 202 | 1308342 | 35.523 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 533218 | 36.844 | ng | | 88 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 1152883 | 37.266 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 357375 | 37.267 | ng | # | 99 |
| 83) Chrysene | 14.074 | 228 | 1107665 | 36.205 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 703661 | 35.376 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 1134939 | 34.306 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 809734 | 32.943 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 962591 | 38.617 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 937608 | 40.309 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 831573 | 37.767 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 17.045 | 278 | 691411 | 32.542 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 683328 | 33.355 | ng | # | 89 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125500.D
Acq On : 15 Sep 2021 12:15
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 13:07:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
mohammad
9/16/2021 11:44:33 AM