Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121554.D
Acq On : 10 Sep 2020 16:49
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF091020

Quant Time: Sep 10 17:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 196099 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 735502 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.87 | 164 | 372750 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.35 | 188 | 673396 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 556317 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 563567 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 1014447 | 76.88 | ng | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 1330716 | 76.87 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 1074917 | 78.47 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 362680 | 78.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.19 | 172 | 1821725 | 74.02 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.94 | 244 | 2018155 | 73.49 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.61 | 88 | 238654 | 39.368 | ng | 99 |
| 3) Pyridine | 3.35 | 79 | 658444 | 39.290 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.31 | 42 | 306190 | 39.389 | ng | 97 |
| 6) Aniline | 6.50 | 93 | 871158 | 38.638 | ng | 99 |
| 8) 2-Chlorophenol | 6.62 | 128 | 524608 | 39.049 | ng | 99 |
| 9) Benzaldehyde | 6.38 | 77 | 420466 | 37.153 | ng | 99 |
| 10) Phenol | 6.47 | 94 | 709464 | 38.485 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 537092 | 38.656 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 579428 | 38.641 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 578992 | 38.454 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 532822 | 38.414 | ng | 99 |
| 15) Benzyl Alcohol | 6.97 | 79 | 457031 | 38.842 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 867270 | 38.790 | ng | 99 |
| 17) 2-Methylphenol | 7.08 | 107 | 440982 | 38.577 | ng | 99 |
| 18) Hexachloroethane | 7.35 | 117 | 209876 | 38.929 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 377917 | 37.878 | ng | 99 |
| 20) 3+4-Methylphenols | 7.24 | 107 | 524666 | 38.201 | ng | 98 |
| 22) Acetophenone | 7.25 | 105 | 696174 | 37.306 | ng | 97 |
| 24) Nitrobenzene | 7.42 | 77 | 577809 | 39.000 | ng | 97 |
| 25) Isophorone | 7.66 | 82 | 1049300 | 38.052 | ng | 99 |
| 26) 2-Nitrophenol | 7.73 | 139 | 273176 | 39.637 | ng | 92 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 467838 | 38.007 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93 | 653622 | 38.288 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 435476 | 38.843 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 453165 | 38.379 | ng | 98 |
| 31) Naphthalene | 8.14 | 128 | 1482803 | 38.191 | ng | 99 |
| 32) Benzoic acid | 7.90 | 122 | 340233 | 38.630 | ng | 99 |
| 33) 4-Chloroaniline | 8.19 | 127 | 646276 | 38.400 | ng | 99 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 265216 | 38.268 | ng | 100 |
| 35) Caprolactam | 8.56 | 113 | 142125 | 38.068 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 463126 | 38.347 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 958170 | 37.658 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.93 | 142 | 891984 | 37.668 | ng | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 440968 | 37.872 | ng | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121554.D
Acq On : 10 Sep 2020 16:49
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF091020

Quant Time: Sep 10 17:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.98 | 237 | 270580 | 40.693 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.10 | 196 | 314322 | 39.605 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.14 | 196 | 324963 | 38.732 ng | | 93 |
| 46) 1,1'-Biphenyl | 9.29 | 154 | 1126839 | 37.761 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.32 | 162 | 900994 | 38.315 ng | | 99 |
| 48) 2-Nitroaniline | 9.41 | 65 | 298662 | 40.871 ng | | 99 |
| 49) Acenaphthylene | 9.73 | 152 | 1384189 | 38.310 ng | | 100 |
| 50) Dimethylphthalate | 9.60 | 163 | 1026673 | 38.002 ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.66 | 165 | 235554 | 40.940 ng | | 98 |
| 52) Acenaphthene | 9.90 | 154 | 879212 | 38.527 ng | | 98 |
| 53) 3-Nitroaniline | 9.82 | 138 | 264649 | 39.706 ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.93 | 184 | 110139 | 38.484 ng | | 99 |
| 55) Dibenzofuran | 10.07 | 168 | 1210624 | 37.670 ng | | 100 |
| 56) 4-Nitrophenol | 9.97 | 139 | 220257 | 41.437 ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.06 | 165 | 309540 | 42.764 ng | | 96 |
| 58) Fluorene | 10.42 | 166 | 911148 | 37.074 ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.19 | 232 | 270911 | 39.718 ng | | 99 |
| 60) Diethylphthalate | 10.29 | 149 | 999174 | 37.933 ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.41 | 204 | 435735 | 37.011 ng | | 99 |
| 62) 4-Nitroaniline | 10.44 | 138 | 263868 | 39.872 ng | | 97 |
| 63) Azobenzene | 10.57 | 77 | 1055843 | 37.641 ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 157004 | 39.423 ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.53 | 169 | 893340 | 38.668 ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.90 | 248 | 295291 | 38.515 ng | | 99 |
| 68) Hexachlorobenzene | 10.96 | 284 | 329283 | 38.057 ng | | 98 |
| 69) Atrazine | 11.05 | 200 | 226737 | 39.503 ng | | 98 |
| 70) Pentachlorophenol | 11.16 | 266 | 195968 | 41.241 ng | | 99 |
| 71) Phenanthrene | 11.38 | 178 | 1378688 | 37.577 ng | | 100 |
| 72) Anthracene | 11.43 | 178 | 1432479 | 37.834 ng | | 99 |
| 73) Carbazole | 11.58 | 167 | 1313596 | 38.447 ng | | 99 |
| 74) Di-n-butylphthalate | 11.92 | 149 | 1523502 | 38.634 ng | | 100 |
| 75) Fluoranthene | 12.56 | 202 | 1501628 | 38.340 ng | | 100 |
| 77) Benzidine | 12.69 | 184 | 741516 | 40.206 ng | | 99 |
| 78) Pyrene | 12.79 | 202 | 1529877 | 37.639 ng | | 100 |
| 80) Butylbenzylphthalate | 13.41 | 149 | 655559 | 39.879 ng | | 98 |
| 81) Benzo(a)anthracene | 13.98 | 228 | 1332465 | 37.859 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.94 | 252 | 547278 | 39.830 ng | | 99 |
| 83) Chrysene | 14.02 | 228 | 1359348 | 38.141 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 835461 | 38.043 ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.58 | 149 | 1531404 | 39.514 ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 1416987 | 38.609 ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 1358954 | 36.070 ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 1340669 | 38.859 ng | | 99 |
| 90) Benzo(a)pyrene | 15.39 | 252 | 1224487 | 38.235 ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.90 | 278 | 1172723 | 38.385 ng | | 100 |
| 92) Benzo(g,h,i)perylene | 17.33 | 276 | 1142728 | 38.051 ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121554.D
Acq On : 10 Sep 2020 16:49
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF091020

Quant Time: Sep 10 17:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration