Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135088.D
Acq On : 05 Sep 2023 10:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 11:19:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.775 | 152 | 119294 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.057 | 136 | 479258 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.816 | 164 | 256331 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.304 | 188 | 487998 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.963 | 240 | 310368 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.427 | 264 | 257762 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.399 | 112 | 565742 | 73.252 | ng | | 0.00 |
| 7) Phenol-d6 | 6.416 | 99 | 719169 | 74.707 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.340 | 82 | 641293 | 75.175 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.610 | 330 | 214613 | 78.927 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.134 | 172 | 1145333 | 72.747 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.904 | 244 | 1280395 | 67.323 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.487 | 88 | 117466 | 35.906 | ng | | 100 |
| 3) Pyridine | 3.228 | 79 | 315701 | 35.795 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.205 | 42 | 157271 | 36.463 | ng | | 97 |
| 6) Aniline | 6.446 | 93 | 441534 | 36.999 | ng | | 99 |
| 8) 2-Chlorophenol | 6.563 | 128 | 296497 | 37.789 | ng | | 98 |
| 9) Benzaldehyde | 6.328 | 77 | 192442 | 39.233 | ng | | 98 |
| 10) Phenol | 6.428 | 94 | 376419 | 37.247 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.516 | 93 | 280374 | 36.842 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.716 | 146 | 303480 | 37.542 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.793 | 146 | 307122 | 37.960 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.945 | 146 | 284997 | 37.748 | ng | | 99 |
| 15) Benzyl Alcohol | 6.922 | 79 | 258295 | 39.164 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.051 | 45 | 449505 | 35.272 | ng | | 99 |
| 17) 2-Methylphenol | 7.034 | 107 | 258288 | 37.777 | ng | | 98 |
| 18) Hexachloroethane | 7.281 | 117 | 112451 | 37.521 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.193 | 70 | 209633 | 36.661 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.187 | 107 | 312430 | 38.733 | ng | | 97 |
| 22) Acetophenone | 7.187 | 105 | 390783 | 36.659 | ng | # | 99 |
| 24) Nitrobenzene | 7.363 | 77 | 325672 | 37.217 | ng | | 99 |
| 25) Isophorone | 7.598 | 82 | 586954 | 36.290 | ng | | 99 |
| 26) 2-Nitrophenol | 7.675 | 139 | 163033 | 37.709 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.716 | 122 | 253673 | 36.444 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.810 | 93 | 349294 | 35.801 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.916 | 162 | 248493 | 37.563 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.998 | 180 | 265729 | 37.170 | ng | | 100 |
| 31) Naphthalene | 8.075 | 128 | 860636 | 36.761 | ng | | 99 |
| 32) Benzoic acid | 7.845 | 122 | 206634m | 37.111 | ng | | |
| 33) 4-Chloroaniline | 8.128 | 127 | 373944 | 36.518 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.192 | 225 | 149786 | 36.920 | ng | | 97 |
| 35) Caprolactam | 8.510 | 113 | 83043 | 38.339 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.616 | 107 | 278749 | 38.795 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.769 | 142 | 584729 | 37.433 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.869 | 142 | 546863 | 37.415 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.934 | 216 | 260344 | 36.281 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.916 | 237 | 122355 | 40.062 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.051 | 196 | 172390 | 35.772 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135088.D
Acq On : 05 Sep 2023 10:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 11:19:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.092 | 196 | 202353 | 36.269 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.234 | 154 | 705547 | 36.026 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.257 | 162 | 529205 | 35.934 | ng | | 98 |
| 48) 2-Nitroaniline | 9.363 | 65 | 192803 | 38.244 | ng | | 99 |
| 49) Acenaphthylene | 9.675 | 152 | 822187 | 36.931 | ng | | 99 |
| 50) Dimethylphthalate | 9.545 | 163 | 668044 | 37.220 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.604 | 165 | 150692 | 38.263 | ng | | 98 |
| 52) Acenaphthene | 9.851 | 154 | 515880 | 36.362 | ng | | 99 |
| 53) 3-Nitroaniline | 9.775 | 138 | 169157 | 36.872 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 9.886 | 184 | 74692 | 39.682 | ng | | 90 |
| 55) Dibenzofuran | 10.022 | 168 | 749230 | 36.609 | ng | | 99 |
| 56) 4-Nitrophenol | 9.939 | 139 | 122304 | 37.925 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.016 | 165 | 191546 | 39.027 | ng | | 96 |
| 58) Fluorene | 10.369 | 166 | 588134 | 37.695 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.139 | 232 | 156485 | 36.424 | ng | | 96 |
| 60) Diethylphthalate | 10.245 | 149 | 631674 | 37.387 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204 | 284921 | 36.919 | ng | | 100 |
| 62) 4-Nitroaniline | 10.392 | 138 | 174210 | 38.809 | ng | | 97 |
| 63) Azobenzene | 10.522 | 77 | 624898 | 36.732 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198 | 112428 | 38.066 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 10.481 | 169 | 541199 | 35.667 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.851 | 248 | 184956 | 35.734 | ng | | 99 |
| 68) Hexachlorobenzene | 10.916 | 284 | 193045 | 36.069 | ng | | 99 |
| 69) Atrazine | 11.010 | 200 | 141174 | 40.586 | ng | | 97 |
| 70) Pentachlorophenol | 11.110 | 266 | 119062 | 36.771 | ng | | 100 |
| 71) Phenanthrene | 11.333 | 178 | 909763 | 36.136 | ng | | 100 |
| 72) Anthracene | 11.386 | 178 | 939220 | 36.513 | ng | | 99 |
| 73) Carbazole | 11.545 | 167 | 832844 | 37.539 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.875 | 149 | 992196 | 37.099 | ng | | 99 |
| 75) Fluoranthene | 12.527 | 202 | 973224 | 38.234 | ng | | 99 |
| 77) Benzidine | 12.651 | 184 | 248720 | 44.455 | ng | | 99 |
| 78) Pyrene | 12.757 | 202 | 975520 | 33.104 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.386 | 149 | 395691 | 37.169 | ng | | 92 |
| 81) Benzo(a)anthracene | 13.957 | 228 | 737206 | 34.821 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.916 | 252 | 237599 | 37.192 | ng | # | 97 |
| 83) Chrysene | 13.992 | 228 | 736402 | 35.393 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149 | 444020 | 40.303 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.563 | 149 | 672660 | 40.001 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.915 | 276 | 625209 | 36.010 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.004 | 252 | 584136 | 36.421 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.033 | 252 | 573159 | 36.991 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.368 | 252 | 532707 | 35.754 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.933 | 278 | 506143 | 35.994 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.368 | 276 | 519053 | 35.490 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135088.D
Acq On : 05 Sep 2023 10:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 11:19:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023