Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF132991.D
Acq On : 24 Apr 2023 12:58
Operator : CG\JU
Sample : PB152338BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 13:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB152338BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.745 | 152 | 190513 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.033 | 136 | 794367 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.786 | 164 | 401045 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.269 | 188 | 699300 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.910 | 240 | 497399 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.327 | 264 | 511334 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.363 | 112 | 1120476 | 88.844 | ng | | 0.01 |
| 7) Phenol-d6 | 6.386 | 99 | 1367818 | 87.380 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.316 | 82 | 1210807 | 82.274 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.574 | 330 | 329827 | 81.776 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.110 | 172 | 2003588 | 83.582 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.857 | 244 | 2323212 | 80.554 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.504 | 88 | 225912 | 38.619 | ng | | 99 |
| 3) Pyridine | 3.204 | 79 | 584621 | 37.628 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.157 | 42 | 341483 | 42.433 | ng | | 99 |
| 6) Aniline | 6.410 | 93 | 677513 | 33.604 | ng | | 100 |
| 8) 2-Chlorophenol | 6.534 | 128 | 596094 | 46.552 | ng | | 96 |
| 9) Benzaldehyde | 6.292 | 77 | 351871 | 55.501 | ng | | 99 |
| 10) Phenol | 6.398 | 94 | 762266 | 44.141 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 6.481 | 93 | 568909 | 43.902 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.686 | 146 | 619943 | 45.537 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.763 | 146 | 618560 | 45.335 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.916 | 146 | 595693 | 47.356 | ng | | 96 |
| 15) Benzyl Alcohol | 6.892 | 79 | 496024 | 45.873 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.028 | 45 | 980972 | 43.584 | ng | | 99 |
| 17) 2-Methylphenol | 7.010 | 107 | 493111 | 42.056 | ng | | 99 |
| 18) Hexachloroethane | 7.263 | 117 | 216440 | 45.627 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.169 | 70 | 399261 | 40.970 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.163 | 107 | 586521 | 42.476 | ng | | 96 |
| 22) Acetophenone | 7.157 | 105 | 790674 | 42.969 | ng | # | 98 |
| 24) Nitrobenzene | 7.333 | 77 | 613041 | 41.108 | ng | | 97 |
| 25) Isophorone | 7.575 | 82 | 1129639 | 40.428 | ng | | 98 |
| 26) 2-Nitrophenol | 7.651 | 139 | 328241 | 45.634 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.692 | 122 | 543632 | 44.076 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.786 | 93 | 681496 | 41.227 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.892 | 162 | 480036 | 42.753 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.975 | 180 | 500080 | 42.991 | ng | | 98 |
| 31) Naphthalene | 8.057 | 128 | 1651454 | 41.582 | ng | | 99 |
| 32) Benzoic acid | 7.816 | 122 | 385114 | 50.549 | ng | | 98 |
| 33) 4-Chloroaniline | 8.104 | 127 | 236198 | 14.719 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.175 | 225 | 267477 | 41.488 | ng | | 98 |
| 35) Caprolactam | 8.480 | 113 | 171783m | 45.542 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.592 | 107 | 521735 | 43.090 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.745 | 142 | 1075693 | 39.616 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.845 | 142 | 1009528 | 39.744 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.916 | 216 | 431432 | 40.011 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.904 | 237 | 599092 | 95.265 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.027 | 196 | 316351 | 42.422 | ng | | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF132991.D
Acq On : 24 Apr 2023 12:58
Operator : CG\JU
Sample : PB152338BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 13:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB152338BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.063 | 196 | 341289 | 39.572 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.210 | 154 | 1313990 | 41.319 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.233 | 162 | 986887 | 42.399 | ng | | 98 |
| 48) 2-Nitroaniline | 9.327 | 65 | 325332 | 42.291 | ng | | 91 |
| 49) Acenaphthylene | 9.651 | 152 | 1526731 | 41.050 | ng | | 99 |
| 50) Dimethylphthalate | 9.516 | 163 | 1130058 | 40.411 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.569 | 165 | 264385 | 42.006 | ng | | 99 |
| 52) Acenaphthene | 9.822 | 154 | 1120815m | 44.996 | ng | | |
| 53) 3-Nitroaniline | 9.739 | 138 | 193092 | 25.802 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.845 | 184 | 305602 | 96.597 | ng | | 97 |
| 55) Dibenzofuran | 9.992 | 168 | 1383470 | 40.716 | ng | | 98 |
| 56) 4-Nitrophenol | 9.910 | 139 | 524317 | 90.458 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 9.974 | 165 | 350286 | 43.641 | ng | | 98 |
| 58) Fluorene | 10.333 | 166 | 1021717 | 41.042 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232 | 285865 | 42.755 | ng | | 99 |
| 60) Diethylphthalate | 10.216 | 149 | 1073557 | 40.644 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.327 | 204 | 474875 | 39.144 | ng | | 94 |
| 62) 4-Nitroaniline | 10.357 | 138 | 299603 | 43.558 | ng | | 98 |
| 63) Azobenzene | 10.486 | 77 | 1116910 | 39.916 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.380 | 198 | 198847 | 46.913 | ng | | 80 |
| 66) n-Nitrosodiphenylamine | 10.445 | 169 | 930172 | 41.007 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248 | 305722 | 40.310 | ng | | 94 |
| 68) Hexachlorobenzene | 10.886 | 284 | 338193 | 43.517 | ng | | 94 |
| 69) Atrazine | 10.980 | 200 | 315464 | 48.265 | ng | | 99 |
| 70) Pentachlorophenol | 11.074 | 266 | 427562 | 77.249 | ng | | 98 |
| 71) Phenanthrene | 11.292 | 178 | 1560957 | 41.531 | ng | | 99 |
| 72) Anthracene | 11.345 | 178 | 1615981 | 42.012 | ng | | 99 |
| 73) Carbazole | 11.498 | 167 | 1493219 | 43.598 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.839 | 149 | 1660463 | 42.841 | ng | | 99 |
| 75) Fluoranthene | 12.480 | 202 | 1607062 | 42.604 | ng | | 99 |
| 77) Benzidine | 12.604 | 184 | 909021 | 108.072 | ng | # | 93 |
| 78) Pyrene | 12.710 | 202 | 1652170 | 38.748 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.333 | 149 | 689537 | 45.673 | ng | | 94 |
| 81) Benzo(a)anthracene | 13.898 | 228 | 1435789 | 41.977 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.862 | 252 | 318520 | 33.709 | ng | | 99 |
| 83) Chrysene | 13.933 | 228 | 1406379 | 41.127 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.898 | 149 | 832950 | 43.956 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.509 | 149 | 1656076 | 53.597 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.721 | 276 | 1351984 | 46.483 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 14.927 | 252 | 1461794 | 44.936 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.957 | 252 | 1313595 | 40.735 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.274 | 252 | 1184816 | 40.015 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.739 | 278 | 1127716 | 46.487 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.139 | 276 | 1110790 | 46.380 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF132991.D
Acq On : 24 Apr 2023 12:58
Operator : CG\JU
Sample : PB152338BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 13:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB152338BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023