Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132518.D
Acq On : 23 Feb 2023 13:49
Operator : CG\JU
Sample : PB151028BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 00:35:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
02/24/2023
Supervised By :Jagrut Upadhyay
02/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.007 | 152 | 223134 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.295 | 136 | 795755 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.060 | 164 | 426828 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.554 | 188 | 823368 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.213 | 240 | 525827 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.765 | 264 | 449942 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.648 | 112 | 1255639 | 91.329 | ng | 0.01 |
| 7) Phenol-d6 | 6.643 | 99 | 1631092 | 90.904 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.578 | 82 | 1101068 | 65.648 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.860 | 330 | 443440 | 96.200 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.372 | 172 | 1726961 | 61.607 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.148 | 244 | 2026318 | 65.154 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.002 | 88 | 290316 | 38.174 | ng | 100 |
| 3) Pyridine | 3.743 | 79 | 702862 | 34.818 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.713 | 42 | 323266 | 42.395 | ng | 96 |
| 6) Aniline | 6.672 | 93 | 859318 | 35.587 | ng | 99 |
| 8) 2-Chlorophenol | 6.801 | 128 | 588131 | 41.217 | ng | 99 |
| 9) Benzaldehyde | 6.560 | 77 | 397547 | 41.060 | ng | 97 |
| 10) Phenol | 6.660 | 94 | 822791 | 39.997 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.742 | 93 | 663973 | 41.810 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.954 | 146 | 648808 | 42.371 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.031 | 146 | 648062 | 42.385 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.184 | 146 | 596152 | 40.627 | ng | 99 |
| 15) Benzyl Alcohol | 7.154 | 79 | 588717 | 42.603 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.284 | 45 | 856119 | 42.275 | ng | 100 |
| 17) 2-Methylphenol | 7.266 | 107 | 516486 | 38.784 | ng | 97 |
| 18) Hexachloroethane | 7.525 | 117 | 264302 | 44.246 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.425 | 70 | 434080 | 39.309 | ng | 99 |
| 20) 3+4-Methylphenols | 7.419 | 107 | 587048 | 34.121 | ng | 92 |
| 22) Acetophenone | 7.419 | 105 | 812771 | 40.506 | ng | 97 |
| 24) Nitrobenzene | 7.595 | 77 | 742668 | 41.402 | ng | 94 |
| 25) Isophorone | 7.831 | 82 | 1332262 | 41.431 | ng | 98 |
| 26) 2-Nitrophenol | 7.913 | 139 | 344486 | 43.526 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.948 | 122 | 514308 | 41.173 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 8.037 | 93 | 779818 | 41.455 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.154 | 162 | 521461 | 41.966 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.237 | 180 | 578908 | 42.906 | ng | 100 |
| 31) Naphthalene | 8.319 | 128 | 1639675 | 40.250 | ng | 99 |
| 32) Benzoic acid | 8.084 | 122 | 420216m | 43.114 | ng | |
| 33) 4-Chloroaniline | 8.366 | 127 | 277159 | 15.877 | ng | 95 |
| 34) Hexachlorobutadiene | 8.431 | 225 | 372729 | 43.473 | ng | 100 |
| 35) Caprolactam | 8.754 | 113 | 179424m | 43.800 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.854 | 107 | 580895 | 42.569 | ng | 98 |
| 37) 2-Methylnaphthalene | 9.013 | 142 | 1087192 | 39.161 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.113 | 142 | 1021991 | 39.391 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.178 | 216 | 576901 | 41.311 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.166 | 237 | 765931 | 101.121 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.289 | 196 | 399112 | 42.172 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132518.D
Acq On : 23 Feb 2023 13:49
Operator : CG\JU
Sample : PB151028BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 00:35:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
02/24/2023
Supervised By :Jagrut Upadhyay
02/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.336 | 196 | 436248 | 39.495 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.478 | 154 | 1307166 | 40.462 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.507 | 162 | 1063880 | 41.536 | ng | 100 |
| 48) 2-Nitroaniline | 9.601 | 65 | 379831 | 40.264 | ng | 98 |
| 49) Acenaphthylene | 9.925 | 152 | 1634516 | 40.097 | ng | 99 |
| 50) Dimethylphthalate | 9.778 | 163 | 1267430 | 40.782 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.842 | 165 | 289145 | 40.852 | ng | 96 |
| 52) Acenaphthene | 10.095 | 154 | 1186333m | 45.831 | ng | |
| 53) 3-Nitroaniline | 10.013 | 138 | 223816 | 28.269 | ng | 92 |
| 54) 2,4-Dinitrophenol | 10.125 | 184 | 370538 | 83.006 | ng | 98 |
| 55) Dibenzofuran | 10.272 | 168 | 1477693 | 39.158 | ng | 98 |
| 56) 4-Nitrophenol | 10.183 | 139 | 480155 | 81.320 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 10.248 | 165 | 396725 | 42.133 | ng | 96 |
| 58) Fluorene | 10.613 | 166 | 1162375 | 40.270 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.389 | 232 | 349809 | 42.633 | ng | 97 |
| 60) Diethylphthalate | 10.478 | 149 | 1232638 | 40.610 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.601 | 204 | 599803 | 40.056 | ng | 98 |
| 62) 4-Nitroaniline | 10.642 | 138 | 315323 | 40.573 | ng | 98 |
| 63) Azobenzene | 10.760 | 77 | 1320910 | 41.092 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.660 | 198 | 239303 | 42.934 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.725 | 169 | 1029398 | 40.103 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 11.095 | 248 | 382270 | 41.044 | ng | 99 |
| 68) Hexachlorobenzene | 11.166 | 284 | 423555 | 43.220 | ng | 100 |
| 69) Atrazine | 11.248 | 200 | 357932 | 44.665 | ng | 97 |
| 70) Pentachlorophenol | 11.360 | 266 | 460291 | 78.943 | ng | 98 |
| 71) Phenanthrene | 11.583 | 178 | 1713859 | 40.180 | ng | 99 |
| 72) Anthracene | 11.636 | 178 | 1755606 | 39.969 | ng | 99 |
| 73) Carbazole | 11.789 | 167 | 1587041 | 40.074 | ng | 100 |
| 74) Di-n-butylphthalate | 12.107 | 149 | 1884664 | 40.570 | ng | 100 |
| 75) Fluoranthene | 12.777 | 202 | 1878301 | 40.281 | ng | 99 |
| 77) Benzidine | 12.895 | 184 | 1009416 | 78.860 | ng | 99 |
| 78) Pyrene | 13.013 | 202 | 1926801 | 40.304 | ng | 99 |
| 80) Butylbenzylphthalate | 13.619 | 149 | 799124 | 42.359 | ng | 99 |
| 81) Benzo(a)anthracene | 14.201 | 228 | 1620171 | 41.180 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.160 | 252 | 346828 | 29.901 | ng | 98 |
| 83) Chrysene | 14.242 | 228 | 1487436 | 40.429 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.171 | 149 | 1018861 | 43.963 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.801 | 149 | 1487474 | 43.922 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.377 | 276 | 1336422 | 45.330 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.301 | 252 | 1337229 | 44.348 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.336 | 252 | 1218072 | 41.276 | ng | 99 |
| 90) Benzo(a)pyrene | 15.701 | 252 | 1121412 | 39.737 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.395 | 278 | 1092901 | 45.497 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.865 | 276 | 1128451 | 41.785 | ng | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132518.D
Acq On : 23 Feb 2023 13:49
Operator : CG\JU
Sample : PB151028BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 00:35:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo

02/24/2023
Supervised By :Jagrut Upadhyay

02/24/2023