Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011811.D
Acq On : 27 Sep 2022 12:15
Operator : CG/JU
Sample : PB147869BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 28 02:06:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB147869BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.911 | 152 | 233883 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.722 | 136 | 1136453 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.557 | 164 | 756999 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.310 | 188 | 1671835 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.398 | 240 | 1725693 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.839 | 264 | 1828834 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.470 | 112 | 2291962 | 171.944 | ng | | 0.00 |
| 7) Phenol-d6 | 7.075 | 99 | 3168537 | 160.763 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.081 | 82 | 1691836 | 77.919 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.051 | 330 | 929159 | 182.287 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.181 | 172 | 4026728 | 84.119 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.869 | 244 | 6812902 | 90.776 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 205152 | 36.605 | ng | | 96 |
| 3) Pyridine | 3.758 | 79 | 593613 | 34.320 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.664 | 42 | 308159 | 40.288 | ng | # | 90 |
| 6) Aniline | 7.234 | 93 | 1103215 | 44.996 | ng | | 98 |
| 8) 2-Chlorophenol | 7.475 | 128 | 864189 | 53.288 | ng | | 95 |
| 9) Benzaldehyde | 7.046 | 77 | 500906 | 40.622 | ng | | 97 |
| 10) Phenol | 7.099 | 94 | 1185130 | 53.381 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.334 | 93 | 794389 | 45.203 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.799 | 146 | 775394 | 45.501 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.946 | 146 | 798500 | 45.726 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.263 | 146 | 786246 | 46.022 | ng | | 99 |
| 15) Benzyl Alcohol | 8.152 | 79 | 752133m | 51.650 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446 | 45 | 1126186 | 38.797 | ng | | 97 |
| 17) 2-Methylphenol | 8.358 | 107 | 775100 | 53.265 | ng | | 97 |
| 18) Hexachloroethane | 8.993 | 117 | 273101 | 40.849 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 630957 | 43.545 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.687 | 107 | 1064240 | 52.089 | ng | | 98 |
| 22) Acetophenone | 8.740 | 105 | 1266600 | 44.369 | ng | | 96 |
| 24) Nitrobenzene | 9.122 | 77 | 928580 | 41.392 | ng | | 97 |
| 25) Isophorone | 9.652 | 82 | 1800449 | 44.201 | ng | | 99 |
| 26) 2-Nitrophenol | 9.834 | 139 | 392361 | 43.632 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.893 | 122 | 868142 | 60.345 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93 | 1192781 | 50.247 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.363 | 162 | 839715 | 54.553 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.581 | 180 | 727875 | 45.413 | ng | | 100 |
| 31) Naphthalene | 10.769 | 128 | 2611071 | 43.337 | ng | | 99 |
| 32) Benzoic acid | 10.034 | 122 | 601460 | 48.710 | ng | | 98 |
| 33) 4-Chloroaniline | 10.881 | 127 | 891197 | 35.478 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.057 | 225 | 362058 | 44.787 | ng | | 96 |
| 35) Caprolactam | 11.687 | 113 | 334024 | 53.394 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 12.004 | 107 | 1016550 | 54.414 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.381 | 142 | 1901898 | 45.710 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.599 | 142 | 1832867 | 44.733 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.746 | 216 | 824629 | 48.336 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.728 | 237 | 917828 | 109.698 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.987 | 196 | 644910 | 52.222 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011811.D
Acq On : 27 Sep 2022 12:15
Operator : CG/JU
Sample : PB147869BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 28 02:06:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB147869BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.057 | 196 | 737682 | 51.971 | ng | 97 |
| 46) | 1,1'-Biphenyl | 13.393 | 154 | 2527881 | 45.961 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.434 | 162 | 1886315 | 44.216 | ng | 99 |
| 48) | 2-Nitroaniline | 13.640 | 65 | 647891 | 42.595 | ng | 89 |
| 49) | Acenaphthylene | 14.281 | 152 | 3205697 | 45.271 | ng | 100 |
| 50) | Dimethylphthalate | 14.016 | 163 | 2608152 | 46.990 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 14.134 | 165 | 559883 | 48.857 | ng | 95 |
| 52) | Acenaphthene | 14.622 | 154 | 1909813 | 43.975 | ng | 99 |
| 53) | 3-Nitroaniline | 14.463 | 138 | 558925 | 39.822 | ng | 98 |
| 54) | 2,4-Dinitrophenol | 14.669 | 184 | 639441 | 103.495 | ng | 90 |
| 55) | Dibenzofuran | 14.957 | 168 | 3026211 | 45.463 | ng | 99 |
| 56) | 4-Nitrophenol | 14.775 | 139 | 1268976 | 108.872 | ng | 90 |
| 57) | 2,4-Dinitrotoluene | 14.922 | 165 | 804738 | 47.316 | ng | 89 |
| 58) | Fluorene | 15.604 | 166 | 2508853 | 44.426 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.181 | 232 | 598883m | 51.676 | ng | |
| 60) | Diethylphthalate | 15.381 | 149 | 2718331 | 46.905 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.598 | 204 | 1134245 | 48.039 | ng | 100 |
| 62) | 4-Nitroaniline | 15.634 | 138 | 730330 | 44.678 | ng | 98 |
| 63) | Azobenzene | 15.893 | 77 | 2656190 | 41.857 | ng | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.681 | 198 | 386316 | 45.875 | ng | 93 |
| 66) | n-Nitrosodiphenylamine | 15.816 | 169 | 2264353 | 45.455 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.498 | 248 | 665364 | 48.530 | ng | 95 |
| 68) | Hexachlorobenzene | 16.610 | 284 | 714247 | 49.030 | ng | 98 |
| 69) | Atrazine | 16.775 | 200 | 811994 | 56.289 | ng | 99 |
| 70) | Pentachlorophenol | 16.957 | 266 | 1018070 | 96.201 | ng | 99 |
| 71) | Phenanthrene | 17.357 | 178 | 4151957 | 44.032 | ng | 99 |
| 72) | Anthracene | 17.445 | 178 | 4174492 | 46.287 | ng | 100 |
| 73) | Carbazole | 17.716 | 167 | 4259861 | 48.228 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.263 | 149 | 4979127 | 46.799 | ng | 99 |
| 75) | Fluoranthene | 19.322 | 202 | 4890983 | 47.713 | ng | 98 |
| 77) | Benzidine | 19.498 | 184 | 3517198 | 105.015 | ng | 100 |
| 78) | Pyrene | 19.669 | 202 | 5100610 | 44.233 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.545 | 149 | 2453410 | 43.979 | ng | 90 |
| 81) | Benzo(a)anthracene | 21.380 | 228 | 5144584 | 45.183 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.316 | 252 | 1630131 | 49.091 | ng | 99 |
| 83) | Chrysene | 21.433 | 228 | 4811706 | 44.600 | ng | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.298 | 149 | 3675527 | 44.709 | ng | 100 |
| 85) | Di-n-octyl phthalate | 22.239 | 149 | 6420405 | 48.798 | ng | 95 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.404 | 276 | 6324824 | 44.198 | ng | 98 |
| 88) | Benzo(b)fluoranthene | 23.098 | 252 | 5556419 | 48.935 | ng | 98 |
| 89) | Benzo(k)fluoranthene | 23.145 | 252 | 5259006 | 45.201 | ng | 99 |
| 90) | Benzo(a)pyrene | 23.733 | 252 | 4864898 | 50.640 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.427 | 278 | 5494679 | 46.247 | ng | 97 |
| 92) | Benzo(g,h,i)perylene | 27.192 | 276 | 5417968 | 47.108 | ng | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011811.D
Acq On : 27 Sep 2022 12:15
Operator : CG/JU
Sample : PB147869BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 28 02:06:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB147869BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022