Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
Data File : BP006832.D
Acq On : 23 Aug 2021 15:46
Operator : CG/JU
Sample : M3463-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SWCS-20-0306MS

Quant Time: Aug 23 17:01:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 11:39:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.693 | 152 | 152131 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.481 | 136 | 651593 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.340 | 164 | 373763 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 733146 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.216 | 240 | 717401 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.527 | 264 | 763373 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.299 | 112 | 851142 | 85.933 | ng | | 0.00 |
| 7) Phenol-d6 | 6.887 | 99 | 1081369 | 76.857 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.857 | 82 | 727572 | 51.540 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.845 | 330 | 309142 | 79.141 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.963 | 172 | 988555 | 39.571 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.680 | 244 | 994317 | 27.772 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 166827 | 38.688 | ng | | 97 |
| 3) Pyridine | 3.634 | 79 | 409089 | 32.278 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.546 | 42 | 172872 | 36.138 | ng | # | 75 |
| 6) Aniline | 7.034 | 93 | 607100 | 39.723 | ng | | 98 |
| 8) 2-Chlorophenol | 7.263 | 128 | 520232 | 48.544 | ng | | 96 |
| 9) Benzaldehyde | 6.846 | 77 | 331663 | 39.165 | ng | | 97 |
| 10) Phenol | 6.916 | 94 | 646124 | 45.798 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.134 | 93 | 467142 | 43.607 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.581 | 146 | 524987 | 47.003 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.728 | 146 | 533074 | 47.026 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.040 | 146 | 512134 | 47.083 | ng | | 95 |
| 15) Benzyl Alcohol | 7.946 | 79 | 482411 | 45.721 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.222 | 45 | 476055 | 37.344 | ng | | 95 |
| 17) 2-Methylphenol | 8.152 | 107 | 428840 | 48.138 | ng | | 99 |
| 18) Hexachloroethane | 8.758 | 117 | 203053 | 45.256 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.510 | 70 | 391189 | 41.442 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.481 | 107 | 586174 | 48.342 | ng | | 97 |
| 22) Acetophenone | 8.522 | 105 | 774182 | 44.803 | ng | # | 98 |
| 24) Nitrobenzene | 8.899 | 77 | 591252 | 40.291 | ng | | 94 |
| 25) Isophorone | 9.428 | 82 | 1042637 | 41.121 | ng | | 95 |
| 26) 2-Nitrophenol | 9.604 | 139 | 265704 | 49.753 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.675 | 122 | 476005 | 53.227 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.910 | 93 | 628284 | 46.311 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.140 | 162 | 452129 | 49.937 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.346 | 180 | 450530 | 46.308 | ng | | 98 |
| 31) Naphthalene | 10.534 | 128 | 1547303 | 44.192 | ng | | 99 |
| 32) Benzoic acid | 9.857 | 122 | 385568 | 55.732 | ng | | 94 |
| 33) 4-Chloroaniline | 10.652 | 127 | 330679 | 23.339 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.810 | 225 | 269050 | 47.457 | ng | | 99 |
| 35) Caprolactam | 11.475 | 113 | 164525 | 50.395 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 11.799 | 107 | 550729 | 47.875 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.151 | 142 | 1083441 | 45.665 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.369 | 142 | 999707 | 44.339 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.522 | 216 | 476168 | 48.676 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.493 | 237 | 421482 | 81.236 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.775 | 196 | 339338 | 50.802 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.846 | 196 | 367999 | 49.772 | ng | # | 91 |
| 46) 1,1'-Biphenyl | 13.175 | 154 | 1274016 | 45.034 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.210 | 162 | 1005456 | 46.152 | ng | | 94 |
| 48) 2-Nitroaniline | 13.434 | 65 | 359090 | 46.705 | ng | | 92 |
| 49) Acenaphthylene | 14.063 | 152 | 1638050 | 46.630 | ng | | 100 |
| 50) Dimethylphthalate | 13.816 | 163 | 1262691 | 46.411 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.934 | 165 | 272610 | 44.904 | ng | # | 81 |
| 52) Acenaphthene | 14.404 | 154 | 955757 | 44.705 | ng | | 99 |
| 53) 3-Nitroaniline | 14.263 | 138 | 232712 | 34.577 | ng | | 84 |
| 54) 2,4-Dinitrophenol | 14.481 | 184 | 239179 | 75.337 | ng | # | 85 |
| 55) Dibenzofuran | 14.745 | 168 | 1492123 | 44.371 | ng | | 94 |
| 56) 4-Nitrophenol | 14.592 | 139 | 552275 | 94.502 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 14.728 | 165 | 380762 | 46.766 | ng | # | 79 |
| 58) Fluorene | 15.398 | 166 | 1219140 | 45.357 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232 | 301064 | 48.589 | ng | # | 74 |
| 60) Diethylphthalate | 15.187 | 149 | 1339464 | 46.874 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.398 | 204 | 565728 | 46.476 | ng | | 91 |
| 62) 4-Nitroaniline | 15.434 | 138 | 276492 | 38.715 | ng | | 93 |
| 63) Azobenzene | 15.692 | 77 | 1416355 | 42.512 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198 | 150208 | 33.531 | ng | | 77 |
| 66) n-Nitrosodiphenylamine | 15.616 | 169 | 1035718 | 44.945 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.292 | 248 | 339507 | 48.263 | ng | # | 87 |
| 68) Hexachlorobenzene | 16.404 | 284 | 379166 | 47.365 | ng | # | 91 |
| 69) Atrazine | 16.586 | 200 | 376216 | 52.319 | ng | | 96 |
| 70) Pentachlorophenol | 16.757 | 266 | 514764 | 101.350 | ng | | 100 |
| 71) Phenanthrene | 17.145 | 178 | 1862177 | 45.030 | ng | | 99 |
| 72) Anthracene | 17.239 | 178 | 1902077 | 47.600 | ng | | 100 |
| 73) Carbazole | 17.516 | 167 | 1665920 | 40.873 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.081 | 149 | 2320016 | 49.961 | ng | | 99 |
| 75) Fluoranthene | 19.128 | 202 | 2115377 | 45.575 | ng | | 95 |
| 77) Benzidine | 19.322 | 184 | 438191 | 24.409 | ng | | 100 |
| 78) Pyrene | 19.480 | 202 | 2176565 | 45.422 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.369 | 149 | 1123310 | 53.310 | ng | | 90 |
| 81) Benzo(a)anthracene | 21.198 | 228 | 2088160 | 44.538 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.139 | 252 | 759244 | 61.684 | ng | # | 98 |
| 83) Chrysene | 21.251 | 228 | 2030398 | 44.671 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.133 | 149 | 1644808 | 51.944 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.033 | 149 | 2911275 | 55.781 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.933 | 276 | 2585671 | 46.713 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 22.827 | 252 | 2183421 | 44.009 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 22.874 | 252 | 2132229 | 44.762 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.433 | 252 | 2136870 | 48.019 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 25.951 | 278 | 2201516 | 46.001 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 26.668 | 276 | 2159596 | 47.089 | ng | # | 92 |

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

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