Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129051.D
Acq On : 30 Jun 2022 11:27
Operator : CG\JU
Sample : PB145806BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 05:41:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB145806BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.957 | 152 | 466980 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 1799547 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 929651 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.498 | 188 | 1644772 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.151 | 240 | 1113498 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.668 | 264 | 903254 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.598 | 112 | 2906215 | 105.215 | ng | | 0.01 |
| 7) Phenol-d6 | 6.587 | 99 | 3651424 | 106.439 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 2308827 | 76.527 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.798 | 330 | 1141171 | 112.891 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 4001569 | 68.861 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.086 | 244 | 4333417 | 80.817 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.916 | 88 | 366732 | 29.780 | ng | | 88 |
| 3) Pyridine | 3.716 | 79 | 920193 | 30.598 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 545898 | 40.065 | ng | # | 79 |
| 6) Aniline | 6.628 | 93 | 1411733 | 36.796 | ng | | 97 |
| 8) 2-Chlorophenol | 6.745 | 128 | 1232108 | 42.457 | ng | | 96 |
| 9) Benzaldehyde | 6.510 | 77 | 209639 | 9.685 | ng | | 98 |
| 10) Phenol | 6.604 | 94 | 1456172m | 41.896 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.692 | 93 | 1169968 | 42.528 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.898 | 146 | 1285428 | 40.238 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.975 | 146 | 1304205 | 40.476 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.128 | 146 | 1251619 | 41.321 | ng | | 99 |
| 15) Benzyl Alcohol | 7.104 | 79 | 983293 | 40.749 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228 | 45 | 1598433 | 40.681 | ng | | 92 |
| 17) 2-Methylphenol | 7.204 | 107 | 988914 | 41.877 | ng | | 97 |
| 18) Hexachloroethane | 7.475 | 117 | 472427 | 41.762 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 823936 | 41.519 | ng | | 88 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 1227355 | 40.871 | ng | # | 87 |
| 22) Acetophenone | 7.375 | 105 | 1636228 | 39.636 | ng | # | 91 |
| 24) Nitrobenzene | 7.545 | 77 | 1231749 | 42.195 | ng | | 92 |
| 25) Isophorone | 7.786 | 82 | 2249782 | 44.123 | ng | | 97 |
| 26) 2-Nitrophenol | 7.857 | 139 | 636722 | 46.932 | ng | | 88 |
| 27) 2,4-Dimethylphenol | 7.892 | 122 | 1149264 | 46.921 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 7.986 | 93 | 1399616 | 39.969 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 1010785 | 40.459 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 1076038 | 39.141 | ng | | 96 |
| 31) Naphthalene | 8.269 | 128 | 3288613 | 40.255 | ng | | 97 |
| 32) Benzoic acid | 8.016 | 122 | 799168 | 40.667 | ng | | 96 |
| 33) 4-Chloroaniline | 8.310 | 127 | 904973 | 27.491 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.381 | 225 | 644683 | 39.273 | ng | | 100 |
| 35) Caprolactam | 8.698 | 113 | 309934m | 39.123 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 1036405 | 40.831 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 2231280 | 40.590 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 2140149 | 40.089 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 1039379 | 39.776 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.110 | 237 | 1329593 | 96.394 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.233 | 196 | 725063 | 40.736 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 758970 | 40.089 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 2683661 | 40.153 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 2063819 | 39.987 | ng | | 97 |
| 48) 2-Nitroaniline | 9.545 | 65 | 607913 | 44.720 | ng | # | 81 |
| 49) Acenaphthylene | 9.869 | 152 | 3308153 | 42.182 | ng | | 96 |
| 50) Dimethylphthalate | 9.722 | 163 | 2342777 | 40.282 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.786 | 165 | 547725 | 46.088 | ng | | 89 |
| 52) Acenaphthene | 10.039 | 154 | 2280273 | 44.638 | ng | | 99 |
| 53) 3-Nitroaniline | 9.957 | 138 | 466960 | 32.949 | ng | # | 89 |
| 54) 2,4-Dinitrophenol | 10.063 | 184 | 570365 | 87.996 | ng | # | 79 |
| 55) Dibenzofuran | 10.210 | 168 | 2917673 | 39.224 | ng | | 96 |
| 56) 4-Nitrophenol | 10.116 | 139 | 977784 | 84.440 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 10.192 | 165 | 708679 | 48.302 | ng | # | 85 |
| 58) Fluorene | 10.557 | 166 | 2300886 | 39.989 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.327 | 232 | 635711 | 40.530 | ng | | 100 |
| 60) Diethylphthalate | 10.422 | 149 | 2353503 | 40.385 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 1132320 | 39.498 | ng | | 99 |
| 62) 4-Nitroaniline | 10.580 | 138 | 586855 | 41.758 | ng | | 86 |
| 63) Azobenzene | 10.704 | 77 | 2256663 | 39.524 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 10.598 | 198 | 333075 | 45.773 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 10.663 | 169 | 2068430 | 41.408 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 726194 | 41.506 | ng | | 96 |
| 68) Hexachlorobenzene | 11.104 | 284 | 799129 | 41.019 | ng | # | 91 |
| 69) Atrazine | 11.192 | 200 | 640336 | 45.555 | ng | | 97 |
| 70) Pentachlorophenol | 11.298 | 266 | 985773 | 84.952 | ng | | 99 |
| 71) Phenanthrene | 11.522 | 178 | 3136996 | 39.918 | ng | | 95 |
| 72) Anthracene | 11.574 | 178 | 3203700 | 41.348 | ng | | 95 |
| 73) Carbazole | 11.727 | 167 | 3019441 | 38.891 | ng | | 97 |
| 74) Di-n-butylphthalate | 12.051 | 149 | 3330991 | 40.691 | ng | | 97 |
| 75) Fluoranthene | 12.716 | 202 | 3313659 | 40.318 | ng | | 95 |
| 77) Benzidine | 12.833 | 184 | 1205228 | 60.786 | ng | | 99 |
| 78) Pyrene | 12.945 | 202 | 3351189 | 43.419 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.557 | 149 | 1387929 | 44.141 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.139 | 228 | 2852893 | 41.962 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 14.098 | 252 | 760373 | 51.759 | ng | | 97 |
| 83) Chrysene | 14.174 | 228 | 2558033 | 40.528 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.115 | 149 | 1850969 | 44.295 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 14.733 | 149 | 2670425 | 43.290 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.233 | 276 | 2382421 | 43.005 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.215 | 252 | 2520687 | 46.403 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.251 | 252 | 2298829 | 43.631 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.609 | 252 | 2245401 | 50.705 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.251 | 278 | 2070191 | 45.841 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.709 | 276 | 2053913 | 45.332 | ng | | 100 |

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

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