Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
Data File : BF128619.D
Acq On : 01 Jun 2022 12:18
Operator : CG\JU
Sample : PB145210BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB145210BS

Quant Time: Jun 02 04:34:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.834 | 152 | 152965 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.122 | 136 | 608043 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.875 | 164 | 351673 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.363 | 188 | 639456 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.010 | 240 | 422323 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.468 | 264 | 289833 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 1067462 | 115.592 | ng | | 0.05 |
| 7) Phenol-d6 | 6.516 | 99 | 1289250 | 109.494 | ng | | 0.05 |
| 23) Nitrobenzene-d5 | 7.404 | 82 | 989072 | 93.838 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.675 | 330 | 456110 | 136.261 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.198 | 172 | 1804519 | 83.364 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.951 | 244 | 2022866 | 92.538 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.734 | 88 | 109306 | 26.545 | ng | | 96 |
| 3) Pyridine | 3.469 | 79 | 284392 | 26.676 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.434 | 42 | 251120 | 44.951 | ng | # | 76 |
| 6) Aniline | 6.504 | 93 | 471173 | 34.292 | ng | # | 88 |
| 8) 2-Chlorophenol | 6.646 | 128 | 416030 | 43.447 | ng | | 99 |
| 9) Benzaldehyde | 6.387 | 77 | 233866 | 47.711 | ng | | 94 |
| 10) Phenol | 6.528 | 94 | 484464m | 41.522 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.569 | 93 | 400036 | 41.883 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.775 | 146 | 459271 | 42.215 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.851 | 146 | 457307 | 41.558 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.004 | 146 | 431811 | 42.635 | ng | | 97 |
| 15) Benzyl Alcohol | 6.993 | 79 | 393978 | 43.871 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110 | 45 | 620825 | 36.727 | ng | | 92 |
| 17) 2-Methylphenol | 7.134 | 107 | 329083 | 40.379 | ng | | 94 |
| 18) Hexachloroethane | 7.345 | 117 | 182017 | 46.892 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 330362 | 45.760 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 468516 | 47.585 | ng | # | 80 |
| 22) Acetophenone | 7.251 | 105 | 613460 | 43.755 | ng | # | 97 |
| 24) Nitrobenzene | 7.422 | 77 | 480119 | 46.076 | ng | | 95 |
| 25) Isophorone | 7.663 | 82 | 833655 | 42.875 | ng | | 96 |
| 26) 2-Nitrophenol | 7.740 | 139 | 214495 | 49.251 | ng | # | 92 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 362627 | 41.890 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 7.869 | 93 | 486882 | 38.583 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 360295 | 40.217 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.063 | 180 | 389615 | 40.150 | ng | | 100 |
| 31) Naphthalene | 8.145 | 128 | 1200290 | 40.333 | ng | | 99 |
| 32) Benzoic acid | 7.951 | 122 | 201643 | 32.952 | ng | | 92 |
| 33) 4-Chloroaniline | 8.198 | 127 | 371089 | 31.317 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.257 | 225 | 274914 | 44.869 | ng | | 99 |
| 35) Caprolactam | 8.581 | 113 | 107199m | 38.805 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 420358 | 45.674 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.834 | 142 | 774717 | 41.242 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.934 | 142 | 742103 | 40.619 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.998 | 216 | 399793 | 41.399 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.987 | 237 | 527113 | 97.102 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.128 | 196 | 276236 | 38.789 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.187 | 196 | 273245m | 37.239 | ng | | |
| 46) 1,1'-Biphenyl | 9.298 | 154 | 984162 | 39.855 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.322 | 162 | 752781 | 38.834 | ng | | 97 |
| 48) 2-Nitroaniline | 9.428 | 65 | 270568 | 50.195 | ng | | 94 |
| 49) Acenaphthylene | 9.739 | 152 | 1225443 | 41.151 | ng | | 100 |
| 50) Dimethylphthalate | 9.610 | 163 | 951069 | 41.692 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.669 | 165 | 203869 | 48.764 | ng | | 88 |
| 52) Acenaphthene | 9.910 | 154 | 855783m | 46.578 | ng | | |
| 53) 3-Nitroaniline | 9.839 | 138 | 168879 | 34.978 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.945 | 184 | 216263 | 100.112 | ng | # | 89 |
| 55) Dibenzofuran | 10.086 | 168 | 1057095 | 38.778 | ng | | 94 |
| 56) 4-Nitrophenol | 10.051 | 139 | 319394 | 81.522 | ng | # | 65 |
| 57) 2,4-Dinitrotoluene | 10.069 | 165 | 266254 | 53.232 | ng | # | 83 |
| 58) Fluorene | 10.428 | 166 | 850414 | 43.333 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232 | 241363 | 40.590 | ng | | 98 |
| 60) Diethylphthalate | 10.304 | 149 | 946149 | 42.697 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204 | 435189 | 43.707 | ng | | 91 |
| 62) 4-Nitroaniline | 10.469 | 138 | 198343m | 42.907 | ng | | |
| 63) Azobenzene | 10.581 | 77 | 890908 | 39.491 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.481 | 198 | 143083 | 48.371 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.545 | 169 | 774987 | 40.480 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248 | 281993 | 42.683 | ng | | 98 |
| 68) Hexachlorobenzene | 10.975 | 284 | 318102 | 43.600 | ng | # | 93 |
| 69) Atrazine | 11.075 | 200 | 275349 | 46.342 | ng | | 98 |
| 70) Pentachlorophenol | 11.181 | 266 | 311486 | 70.060 | ng | | 99 |
| 71) Phenanthrene | 11.392 | 178 | 1247808 | 41.193 | ng | | 99 |
| 72) Anthracene | 11.445 | 178 | 1260894 | 41.672 | ng | | 100 |
| 73) Carbazole | 11.604 | 167 | 1086285 | 37.461 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.928 | 149 | 1429532 | 41.885 | ng | | 99 |
| 75) Fluoranthene | 12.580 | 202 | 1317251 | 40.674 | ng | | 97 |
| 77) Benzidine | 12.698 | 184 | 451517 | 46.352 | ng | | 100 |
| 78) Pyrene | 12.810 | 202 | 1295986 | 40.734 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.427 | 149 | 551852 | 41.122 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.998 | 228 | 1056735 | 42.098 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.963 | 252 | 302704 | 47.094 | ng | | 97 |
| 83) Chrysene | 14.033 | 228 | 1002770 | 39.008 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149 | 762535 | 46.980 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.598 | 149 | 1166813 | 40.839 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.933 | 276 | 726334 | 42.489 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 15.045 | 252 | 855832 | 47.468 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.074 | 252 | 828727 | 49.610 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.410 | 252 | 749527 | 51.815 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 16.957 | 278 | 642389 | 45.322 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 17.386 | 276 | 637910 | 45.375 | ng | # | 92 |

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

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