Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
Data File : BF127778.D
Acq On : 13 Apr 2022 12:10
Operator : CG\JU
Sample : PB144058BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 13 16:48:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB144058BS

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo
04/14/2022
Supervised By :Jagrut Upadhyay
04/14/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.957 | 152 | 162546 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 616882 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 346908 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.492 | 188 | 629415 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.145 | 240 | 390087 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.663 | 264 | 321924 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 744945 | 74.469 | ng | | 0.01 |
| 7) Phenol-d6 | 6.581 | 99 | 950100 | 72.601 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.528 | 82 | 974740 | 70.443 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.798 | 330 | 292350 | 79.193 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1693067 | 69.042 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.080 | 244 | 1851829 | 78.358 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.928 | 88 | 132647 | 27.956 | ng | | 83 |
| 3) Pyridine | 3.663 | 79 | 353982 | 28.325 | ng | # | 82 |
| 4) n-Nitrosodimethylamine | 3.640 | 42 | 212379 | 31.600 | ng | | 89 |
| 6) Aniline | 6.622 | 93 | 435607 | 27.909 | ng | | 94 |
| 8) 2-Chlorophenol | 6.746 | 128 | 406878 | 40.097 | ng | | 93 |
| 9) Benzaldehyde | 6.510 | 77 | 291149 | 45.228 | ng | | 95 |
| 10) Phenol | 6.593 | 94 | 503154 | 38.451 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 405142 | 37.491 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.898 | 146 | 428029 | 36.915 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.975 | 146 | 433845 | 37.015 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.128 | 146 | 417401 | 37.256 | ng | | 98 |
| 15) Benzyl Alcohol | 7.098 | 79 | 399433 | 34.913 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228 | 45 | 589032 | 34.531 | ng | | 96 |
| 17) 2-Methylphenol | 7.204 | 107 | 337589 | 38.246 | ng | | 99 |
| 18) Hexachloroethane | 7.469 | 117 | 165795 | 37.070 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 308946 | 36.501 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 408314 | 36.300 | ng | # | 74 |
| 22) Acetophenone | 7.369 | 105 | 572341 | 34.527 | ng | # | 83 |
| 24) Nitrobenzene | 7.545 | 77 | 485761 | 36.215 | ng | | 97 |
| 25) Isophorone | 7.781 | 82 | 894376 | 37.042 | ng | | 98 |
| 26) 2-Nitrophenol | 7.857 | 139 | 213172 | 44.222 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 377118 | 39.958 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 520136 | 34.937 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.098 | 162 | 368673 | 36.262 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 406630 | 34.752 | ng | | 98 |
| 31) Naphthalene | 8.263 | 128 | 1147480 | 35.499 | ng | | 99 |
| 32) Benzoic acid | 8.010 | 122 | 250979 | 36.654 | ng | | 94 |
| 33) 4-Chloroaniline | 8.310 | 127 | 162310 | 12.750 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.375 | 225 | 272479 | 33.853 | ng | | 100 |
| 35) Caprolactam | 8.687 | 113 | 113645m | 37.820 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 389998 | 36.588 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 777089 | 35.944 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 745475 | 35.724 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 410737 | 36.098 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 9.104 | 237 | 560232 | 81.738 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.234 | 196 | 288331 | 37.325 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.269 | 196 | 289271 | 37.110 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 972744 | 36.665 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.451 | 162 | 758491 | 35.975 | ng | | 99 |
| 48) 2-Nitroaniline | 9.545 | 65 | 264440 | 40.384 | ng | | 88 |
| 49) Acenaphthylene | 9.869 | 152 | 1230816 | 38.380 | ng | | 99 |
| 50) Dimethylphthalate | 9.722 | 163 | 930425 | 37.001 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.787 | 165 | 201388 | 42.488 | ng | | 91 |
| 52) Acenaphthene | 10.039 | 154 | 825686 | 40.867 | ng | | 98 |
| 53) 3-Nitroaniline | 9.951 | 138 | 101772 | 20.325 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 10.063 | 184 | 212292 | 89.678 | ng | | 97 |
| 55) Dibenzofuran | 10.210 | 168 | 1061724 | 36.011 | ng | | 97 |
| 56) 4-Nitrophenol | 10.116 | 139 | 298190 | 75.816 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 10.192 | 165 | 271334 | 46.173 | ng | # | 82 |
| 58) Fluorene | 10.557 | 166 | 810102 | 37.187 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 257520 | 37.914 | ng | | 100 |
| 60) Diethylphthalate | 10.422 | 149 | 874751 | 36.353 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 437023 | 36.511 | ng | | 99 |
| 62) 4-Nitroaniline | 10.575 | 138 | 188663 | 40.005 | ng | | 94 |
| 63) Azobenzene | 10.704 | 77 | 922217 | 34.298 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.598 | 198 | 137086 | 45.093 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 10.663 | 169 | 725579 | 36.603 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 283637 | 37.131 | ng | # | 90 |
| 68) Hexachlorobenzene | 11.098 | 284 | 318612 | 38.156 | ng | | 95 |
| 69) Atrazine | 11.192 | 200 | 276401 | 41.967 | ng | | 99 |
| 70) Pentachlorophenol | 11.292 | 266 | 354291 | 71.039 | ng | | 97 |
| 71) Phenanthrene | 11.522 | 178 | 1213738 | 36.396 | ng | | 99 |
| 72) Anthracene | 11.575 | 178 | 1231554 | 37.334 | ng | | 98 |
| 73) Carbazole | 11.728 | 167 | 1099977 | 35.586 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.051 | 149 | 1321039 | 35.751 | ng | | 99 |
| 75) Fluoranthene | 12.710 | 202 | 1346072 | 36.989 | ng | | 98 |
| 77) Benzidine | 12.833 | 184 | 498721 | 48.983 | ng | | 99 |
| 78) Pyrene | 12.945 | 202 | 1335185 | 40.534 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.551 | 149 | 472538 | 38.528 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.133 | 228 | 1009010 | 38.728 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.092 | 252 | 179975 | 22.158 | ng | | 99 |
| 83) Chrysene | 14.169 | 228 | 924063 | 36.949 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149 | 600488 | 34.735 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.727 | 149 | 829000 | 32.796 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 17.221 | 276 | 806957 | 40.120 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.210 | 252 | 802937 | 38.772 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.239 | 252 | 795246 | 38.718 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.598 | 252 | 761002 | 45.211 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.245 | 278 | 695682 | 42.689 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 17.704 | 276 | 703696 | 42.119 | ng | | 97 |

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

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