Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
Data File : BM042397.D
Acq On : 23 Oct 2023 12:05
Operator : MA/JU
Sample : PB156461BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB156461BS

Quant Time: Oct 23 13:47:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.993 | 152 | 106948 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.816 | 136 | 423562 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.639 | 164 | 223327 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.392 | 188 | 448949 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.574 | 240 | 422023 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.039 | 264 | 476385 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 1082310 | 143.027 | ng | | 0.00 |
| 7) Phenol-d6 | 7.146 | 99 | 1410713 | 139.111 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.192 | 82 | 866518 | 90.464 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.133 | 330 | 377116 | 151.276 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.263 | 172 | 1523416 | 91.859 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.004 | 244 | 2418258 | 101.624 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 130087 | 36.508 | ng | | 98 |
| 3) Pyridine | 3.810 | 79 | 341516 | 32.667 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.734 | 42 | 223955 | 42.429 | ng | # | 97 |
| 6) Aniline | 7.334 | 93 | 465982 | 36.091 | ng | | 99 |
| 8) 2-Chlorophenol | 7.551 | 128 | 358738 | 47.776 | ng | | 96 |
| 9) Benzaldehyde | 7.151 | 77 | 129620 | 21.945 | ng | | 98 |
| 10) Phenol | 7.175 | 94 | 505229 | 48.216 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.434 | 93 | 388655 | 45.176 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.875 | 146 | 359797 | 46.327 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.034 | 146 | 369630 | 47.280 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.345 | 146 | 355567 | 47.366 | ng | | 99 |
| 15) Benzyl Alcohol | 8.251 | 79 | 351776 | 46.795 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.522 | 45 | 596219 | 43.799 | ng | | 100 |
| 17) 2-Methylphenol | 8.434 | 107 | 313535 | 45.343 | ng | | 97 |
| 18) Hexachloroethane | 9.063 | 117 | 142817 | 47.453 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.810 | 70 | 306998 | 44.666 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.769 | 107 | 420012 | 45.286 | ng | | 96 |
| 22) Acetophenone | 8.845 | 105 | 549790 | 47.579 | ng | | 98 |
| 24) Nitrobenzene | 9.234 | 77 | 452255 | 47.194 | ng | | 98 |
| 25) Isophorone | 9.745 | 82 | 778987 | 47.855 | ng | | 99 |
| 26) 2-Nitrophenol | 9.939 | 139 | 173545 | 47.107 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.975 | 122 | 298106 | 45.148 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.234 | 93 | 486965 | 47.217 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.457 | 162 | 299872 | 52.224 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.669 | 180 | 302300 | 49.109 | ng | | 98 |
| 31) Naphthalene | 10.869 | 128 | 1022931 | 47.018 | ng | | 100 |
| 32) Benzoic acid | 10.104 | 122 | 258597 | 52.932 | ng | | 94 |
| 33) 4-Chloroaniline | 11.004 | 127 | 267547 | 28.325 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.098 | 225 | 164104 | 49.265 | ng | | 98 |
| 35) Caprolactam | 11.833 | 113 | 111357 | 48.750 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.098 | 107 | 362018 | 52.245 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.469 | 142 | 656903 | 44.854 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.692 | 142 | 639245 | 46.592 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.822 | 216 | 311144 | 48.192 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.769 | 237 | 346841 | 97.989 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.069 | 196 | 223254 | 53.417 | ng | | 100 |

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.139 | 196 | 247462 | 50.087 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.475 | 154 | 866290 | 48.897 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.527 | 162 | 646292 | 49.723 | ng | 100 |
| 48) 2-Nitroaniline | 13.757 | 65 | 269852 | 47.068 | ng | 98 |
| 49) Acenaphthylene | 14.369 | 152 | 1096713 | 52.264 | ng | 100 |
| 50) Dimethylphthalate | 14.104 | 163 | 814583 | 49.727 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.245 | 165 | 173797 | 47.049 | ng | 98 |
| 52) Acenaphthene | 14.704 | 154 | 615138 | 48.488 | ng | 99 |
| 53) 3-Nitroaniline | 14.586 | 138 | 161409 | 37.564 | ng | 94 |
| 54) 2,4-Dinitrophenol | 14.786 | 184 | 228041 | 97.538 | ng | 97 |
| 55) Dibenzofuran | 15.039 | 168 | 980782 | 48.879 | ng | 99 |
| 56) 4-Nitrophenol | 14.874 | 139 | 383969 | 115.088 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 15.027 | 165 | 241045 | 48.665 | ng | 96 |
| 58) Fluorene | 15.686 | 166 | 812448 | 51.311 | ng | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.257 | 232 | 209051 | 56.324 | ng | 97 |
| 60) Diethylphthalate | 15.451 | 149 | 919269 | 56.866 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.680 | 204 | 376765 | 50.526 | ng | 97 |
| 62) 4-Nitroaniline | 15.751 | 138 | 193944 | 46.236 | ng | 99 |
| 63) Azobenzene | 15.974 | 77 | 1008200 | 51.984 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.774 | 198 | 129905 | 45.642 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.904 | 169 | 688820 | 50.940 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.574 | 248 | 217667 | 52.312 | ng | 98 |
| 68) Hexachlorobenzene | 16.657 | 284 | 241287 | 54.250 | ng | 99 |
| 69) Atrazine | 16.851 | 200 | 226701 | 66.110 | ng | 99 |
| 70) Pentachlorophenol | 17.021 | 266 | 374452 | 99.289 | ng | 98 |
| 71) Phenanthrene | 17.433 | 178 | 1260569 | 51.614 | ng | 100 |
| 72) Anthracene | 17.527 | 178 | 1265593 | 52.323 | ng | 99 |
| 73) Carbazole | 17.815 | 167 | 1216988 | 53.632 | ng | 99 |
| 74) Di-n-butylphthalate | 18.333 | 149 | 1683681 | 57.974 | ng | 100 |
| 75) Fluoranthene | 19.445 | 202 | 1468443 | 54.593 | ng | 99 |
| 77) Benzidine | 19.656 | 184 | 755513 | 123.768 | ng | 99 |
| 78) Pyrene | 19.815 | 202 | 1526938 | 51.777 | ng | 100 |
| 80) Butylbenzylphthalate | 20.692 | 149 | 731868 | 54.290 | ng | 97 |
| 81) Benzo(a)anthracene | 21.556 | 228 | 1465629 | 51.804 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.498 | 252 | 504407 | 59.724 | ng | 99 |
| 83) Chrysene | 21.609 | 228 | 1336382 | 49.181 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 1117180 | 58.029 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.380 | 149 | 1839112 | 55.433 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.627 | 276 | 1891046 | 54.318 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.274 | 252 | 1538713 | 53.661 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.327 | 252 | 1404166 | 47.166 | ng | 98 |
| 90) Benzo(a)pyrene | 23.927 | 252 | 1319420 | 47.806 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.644 | 278 | 1553633 | 53.675 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.438 | 276 | 1482611 | 52.742 | ng | 97 |

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

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