Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
Data File : BM045751.D
Acq On : 23 May 2024 13:27
Operator : MA/JU
Sample : PB161074BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB161074BSD

Quant Time: May 24 02:51:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 04:12:56 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.563 | 152 | 321762 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.334 | 136 | 1397357 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.198 | 164 | 858350 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.945 | 188 | 1852558 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.162 | 240 | 1518618 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.956 | 264 | 1742007 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.252 | 112 | 1789831 | 99.175 | ng | | 0.00 |
| 7) Phenol-d6 | 6.840 | 99 | 2302908 | 95.047 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.728 | 82 | 2164033 | 84.243 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.698 | 330 | 864769 | 95.119 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.822 | 172 | 4523657 | 84.704 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.586 | 244 | 7048377 | 85.425 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.193 | 88 | 253592 | 33.854 | ng | | 99 |
| 3) Pyridine | 3.587 | 79 | 664530 | 32.388 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.499 | 42 | 498138 | 43.035 | ng | | 98 |
| 6) Aniline | 6.940 | 93 | 947385 | 40.882 | ng | | 99 |
| 8) 2-Chlorophenol | 7.169 | 128 | 992640 | 50.221 | ng | | 98 |
| 9) Benzaldehyde | 6.740 | 77 | 186472 | 12.634 | ng | | 98 |
| 10) Phenol | 6.863 | 94 | 1194651 | 48.788 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.022 | 93 | 921504 | 43.422 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.451 | 146 | 987333 | 41.915 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.598 | 146 | 998367 | 42.027 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.916 | 146 | 960595 | 43.278 | ng | | 99 |
| 15) Benzyl Alcohol | 7.851 | 79 | 894076 | 47.252 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.104 | 45 | 1486314 | 45.125 | ng | | 99 |
| 17) 2-Methylphenol | 8.075 | 107 | 823547 | 48.518 | ng | | 99 |
| 18) Hexachloroethane | 8.634 | 117 | 381249 | 41.344 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.398 | 70 | 717073 | 42.095 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.410 | 107 | 1051061 | 46.501 | ng | | 96 |
| 22) Acetophenone | 8.398 | 105 | 1348296 | 41.720 | ng | # | 99 |
| 24) Nitrobenzene | 8.769 | 77 | 1112662 | 42.588 | ng | | 98 |
| 25) Isophorone | 9.304 | 82 | 2045319 | 42.773 | ng | | 99 |
| 26) 2-Nitrophenol | 9.475 | 139 | 513089 | 44.745 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.581 | 122 | 939566 | 64.422 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.781 | 93 | 1284216 | 43.617 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.022 | 162 | 957684 | 48.018 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.192 | 180 | 951590 | 42.135 | ng | | 99 |
| 31) Naphthalene | 10.381 | 128 | 2871875 | 41.484 | ng | | 100 |
| 32) Benzoic acid | 9.816 | 122 | 557546 | 41.492 | ng | | 99 |
| 33) 4-Chloroaniline | 10.551 | 127 | 703451 | 26.619 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.669 | 225 | 557664 | 40.276 | ng | | 99 |
| 35) Caprolactam | 11.422 | 113 | 309208m | 47.936 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.704 | 107 | 1015371 | 44.771 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.998 | 142 | 2003617 | 41.549 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.222 | 142 | 1891379 | 39.752 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.369 | 216 | 980947 | 44.314 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.357 | 237 | 1401608 | 151.285 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.645 | 196 | 744424 | 49.830 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.733 | 196 | 800845 | 48.166 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.033 | 154 | 2551281 | 44.095 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.063 | 162 | 1973387 | 43.582 | ng | 99 |
| 48) 2-Nitroaniline | 13.316 | 65 | 729829 | 51.081 | ng | 99 |
| 49) Acenaphthylene | 13.922 | 152 | 3177502 | 46.279 | ng | 100 |
| 50) Dimethylphthalate | 13.698 | 163 | 2666128 | 45.919 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.804 | 165 | 580472 | 46.581 | ng | 96 |
| 52) Acenaphthene | 14.263 | 154 | 1928719 | 44.812 | ng | 99 |
| 53) 3-Nitroaniline | 14.157 | 138 | 440665 | 34.671 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.339 | 184 | 697717 | 95.975 | ng | 99 |
| 55) Dibenzofuran | 14.604 | 168 | 3014297 | 44.426 | ng | 99 |
| 56) 4-Nitrophenol | 14.539 | 139 | 1124319 | 104.047 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.592 | 165 | 781410 | 47.220 | ng | 99 |
| 58) Fluorene | 15.251 | 166 | 2462937 | 44.413 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.851 | 232 | 702352 | 50.836 | ng | 100 |
| 60) Diethylphthalate | 15.063 | 149 | 2702603 | 44.547 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.257 | 204 | 1205812 | 44.432 | ng | 98 |
| 62) 4-Nitroaniline | 15.339 | 138 | 600001 | 47.525 | ng | 97 |
| 63) Azobenzene | 15.545 | 77 | 2631114 | 44.757 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.351 | 198 | 440860 | 47.563 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.480 | 169 | 2176147 | 45.884 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.145 | 248 | 786081 | 44.660 | ng | 99 |
| 68) Hexachlorobenzene | 16.245 | 284 | 898452 | 42.851 | ng | 96 |
| 69) Atrazine | 16.451 | 200 | 820817 | 56.677 | ng | 99 |
| 70) Pentachlorophenol | 16.615 | 266 | 1174260 | 91.805 | ng | 99 |
| 71) Phenanthrene | 16.986 | 178 | 3929465 | 44.939 | ng | 99 |
| 72) Anthracene | 17.074 | 178 | 3927245 | 45.683 | ng | 100 |
| 73) Carbazole | 17.368 | 167 | 3853219 | 44.793 | ng | 100 |
| 74) Di-n-butylphthalate | 17.933 | 149 | 4766157 | 44.620 | ng | 100 |
| 75) Fluoranthene | 19.004 | 202 | 4604930 | 43.191 | ng | 99 |
| 77) Benzidine | 19.221 | 184 | 1323031 | 51.019 | ng | 100 |
| 78) Pyrene | 19.368 | 202 | 4762791 | 44.459 | ng | 100 |
| 80) Butylbenzylphthalate | 20.292 | 149 | 2161469 | 46.580 | ng | 99 |
| 81) Benzo(a)anthracene | 21.145 | 228 | 4368086 | 45.160 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.092 | 252 | 1342032 | 40.487 | ng | 100 |
| 83) Chrysene | 21.203 | 228 | 4010885 | 44.209 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.092 | 149 | 2965220 | 45.509 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.150 | 149 | 5289499 | 46.550 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.056 | 276 | 4874226 | 48.628 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.080 | 252 | 4596252 | 46.527 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.139 | 252 | 4405200 | 46.981 | ng | 100 |
| 90) Benzo(a)pyrene | 23.821 | 252 | 4024721 | 46.886 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 27.115 | 278 | 4083509 | 49.180 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 28.026 | 276 | 4065411 | 47.200 | ng | 100 |

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

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