Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033255.D
Acq On : 24 Nov 2021 19:59
Operator : CG/JU
Sample : M4812-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SETTLING-TANK-01MS

Quant Time: Nov 26 04:10:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.937 | 152 | 125295 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.736 | 136 | 473275 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.560 | 164 | 279146 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.295 | 188 | 560902 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.459 | 240 | 591174 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.788 | 264 | 620366 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.519 | 112 | 986733 | 130.051 | ng | | 0.01 |
| 7) Phenol-d6 | 7.107 | 99 | 1225368 | 120.589 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.101 | 82 | 942736 | 92.473 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.048 | 330 | 438097 | 143.971 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.183 | 172 | 1850801 | 93.506 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.906 | 244 | 2657997 | 88.906 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.437 | 88 | 130267 | 40.271 | ng | # | 29 |
| 3) Pyridine | 3.837 | 79 | 277116 | 33.725 | ng | # | 81 |
| 4) n-Nitrosodimethylamine | 3.743 | 42 | 202631 | 48.555 | ng | # | 67 |
| 6) Aniline | 7.272 | 93 | 245127 | 21.423 | ng | | 97 |
| 8) 2-Chlorophenol | 7.507 | 128 | 406042 | 51.399 | ng | | 98 |
| 9) Benzaldehyde | 7.084 | 77 | 255207 | 44.011 | ng | | 94 |
| 10) Phenol | 7.137 | 94 | 485517 | 47.245 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.366 | 93 | 410565 | 52.218 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.825 | 146 | 441036 | 47.515 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.972 | 146 | 452776 | 47.683 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.289 | 146 | 432648 | 47.706 | ng | | 97 |
| 15) Benzyl Alcohol | 8.184 | 79 | 411035 | 51.977 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.460 | 45 | 683818 | 49.070 | ng | | 94 |
| 17) 2-Methylphenol | 8.384 | 107 | 341629 | 50.359 | ng | | 94 |
| 18) Hexachloroethane | 9.019 | 117 | 167022 | 48.445 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.742 | 70 | 340921 | 50.459 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.707 | 107 | 456311 | 49.659 | ng | | 95 |
| 22) Acetophenone | 8.766 | 105 | 614849 | 50.479 | ng | # | 92 |
| 24) Nitrobenzene | 9.142 | 77 | 519440 | 52.889 | ng | | 97 |
| 25) Isophorone | 9.666 | 82 | 853047 | 53.505 | ng | | 99 |
| 26) 2-Nitrophenol | 9.848 | 139 | 211164 | 57.643 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 9.907 | 122 | 369191 | 59.013 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.142 | 93 | 521503 | 50.208 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.383 | 162 | 373825 | 52.750 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.595 | 180 | 410993 | 48.861 | ng | | 98 |
| 31) Naphthalene | 10.789 | 128 | 1258116 | 50.395 | ng | | 99 |
| 32) Benzoic acid | 10.007 | 122 | 72951 | 21.237 | ng | | 93 |
| 33) 4-Chloroaniline | 10.901 | 127 | 54150 | 5.640 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.060 | 225 | 243610 | 46.851 | ng | | 97 |
| 35) Caprolactam | 11.695 | 113 | 100615 | 74.173 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.019 | 107 | 411824 | 51.116 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.389 | 142 | 884423 | 52.036 | ng | | 94 |
| 38) 1-Methylnaphthalene | 12.607 | 142 | 815516 | 49.181 | ng | # | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.754 | 216 | 430218 | 51.350 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.730 | 237 | 443493 | 106.622 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.995 | 196 | 289093 | 54.014 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.072 | 196 | 313854 | 53.526 | ng | # | 93 |
| 46) 1,1'-Biphenyl | 13.395 | 154 | 1071455 | 51.050 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.442 | 162 | 837837 | 52.243 | ng | | 98 |
| 48) 2-Nitroaniline | 13.648 | 65 | 281666 | 54.337 | ng | | 92 |
| 49) Acenaphthylene | 14.283 | 152 | 1343414 | 53.637 | ng | | 99 |
| 50) Dimethylphthalate | 14.019 | 163 | 1026206 | 51.726 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.136 | 165 | 220431 | 55.500 | ng | # | 75 |
| 52) Acenaphthene | 14.624 | 154 | 791689 | 51.441 | ng | | 98 |
| 53) 3-Nitroaniline | 14.466 | 138 | 115882 | 27.380 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.671 | 184 | 62864 | 30.123 | ng | # | 69 |
| 55) Dibenzofuran | 14.960 | 168 | 1270065 | 49.628 | ng | | 93 |
| 56) 4-Nitrophenol | 14.777 | 139 | 374544 | 110.417 | ng | # | 83 |
| 57) 2,4-Dinitrotoluene | 14.918 | 165 | 300342 | 57.727 | ng | # | 71 |
| 58) Fluorene | 15.607 | 166 | 1012513 | 50.527 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.183 | 232 | 294105 | 57.332 | ng | # | 82 |
| 60) Diethylphthalate | 15.377 | 149 | 1008512 | 51.235 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.595 | 204 | 503054 | 49.229 | ng | | 90 |
| 62) 4-Nitroaniline | 15.630 | 138 | 229561 | 52.304 | ng | # | 79 |
| 63) Azobenzene | 15.889 | 77 | 1115111 | 51.174 | ng | | 90 |
| 65) 4,6-Dinitro-2-methylph... | 15.677 | 198 | 66430 | 22.866 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 15.813 | 169 | 879917 | 53.472 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.489 | 248 | 302534 | 51.597 | ng | | 92 |
| 68) Hexachlorobenzene | 16.601 | 284 | 326506 | 50.733 | ng | # | 83 |
| 69) Atrazine | 16.760 | 200 | 318248 | 92.570 | ng | | 97 |
| 70) Pentachlorophenol | 16.948 | 266 | 374141 | 98.659 | ng | | 98 |
| 71) Phenanthrene | 17.342 | 178 | 1585293 | 51.418 | ng | | 99 |
| 72) Anthracene | 17.430 | 178 | 1625032 | 54.635 | ng | | 100 |
| 73) Carbazole | 17.701 | 167 | 1534540 | 51.860 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.254 | 149 | 1790769 | 58.260 | ng | # | 97 |
| 75) Fluoranthene | 19.342 | 202 | 1866895 | 52.692 | ng | | 97 |
| 77) Benzidine | 19.530 | 184 | 854800 | 128.604 | ng | | 99 |
| 78) Pyrene | 19.706 | 202 | 1917411 | 49.271 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.595 | 149 | 861233 | 59.166 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.442 | 228 | 1897900 | 50.018 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.371 | 252 | 390190 | 22.767 | ng | | 100 |
| 83) Chrysene | 21.494 | 228 | 1847105 | 49.974 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.359 | 149 | 1275269 | 62.213 | ng | | 95 |
| 85) Di-n-octyl phthalate | 22.265 | 149 | 2254424 | 64.770 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.182 | 276 | 2214598 | 51.994 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.083 | 252 | 1985394 | 52.693 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.130 | 252 | 1919698 | 50.777 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.688 | 252 | 1918827 | 60.806 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.200 | 278 | 1920637 | 53.853 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 26.924 | 276 | 1896153 | 53.302 | ng | | 97 |

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

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