Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039037.D
Acq On : 20 Mar 2023 10:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

Quant Time: Mar 21 04:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.975 | 152 | 358697 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.786 | 136 | 1449806 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.615 | 164 | 805611 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.356 | 188 | 1568589 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.539 | 240 | 1372955 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.974 | 264 | 1453669 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 1882126 | 79.719 | ng | | 0.00 |
| 7) Phenol-d6 | 7.134 | 99 | 2480490 | 80.886 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.145 | 82 | 2420704 | 82.016 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.098 | 330 | 711539 | 76.348 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.239 | 172 | 4760350 | 76.923 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.980 | 244 | 6015503 | 80.107 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 404833 | 38.543 | ng | | 97 |
| 3) Pyridine | 3.799 | 79 | 1193636 | 40.976 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.710 | 42 | 496687 | 41.901 | ng | | 98 |
| 6) Aniline | 7.298 | 93 | 1659985 | 41.226 | ng | | 99 |
| 8) 2-Chlorophenol | 7.534 | 128 | 1010255 | 40.193 | ng | | 100 |
| 9) Benzaldehyde | 7.110 | 77 | 555613 | 38.074 | ng | | 99 |
| 10) Phenol | 7.157 | 94 | 1311396 | 40.269 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.392 | 93 | 1080229 | 40.799 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.863 | 146 | 1043780 | 39.076 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 8.010 | 146 | 1056308 | 38.882 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.328 | 146 | 1019334 | 38.953 | ng | | 99 |
| 15) Benzyl Alcohol | 8.216 | 79 | 924858 | 42.077 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504 | 45 | 1453536 | 43.468 | ng | | 98 |
| 17) 2-Methylphenol | 8.416 | 107 | 921520 | 41.193 | ng | | 100 |
| 18) Hexachloroethane | 9.057 | 117 | 405831 | 40.489 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.786 | 70 | 865260 | 44.796 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.745 | 107 | 1244085 | 41.649 | ng | | 99 |
| 22) Acetophenone | 8.804 | 105 | 1591801 | 39.133 | ng | # | 99 |
| 24) Nitrobenzene | 9.186 | 77 | 1252479 | 40.374 | ng | | 100 |
| 25) Isophorone | 9.710 | 82 | 2284644 | 42.064 | ng | | 99 |
| 26) 2-Nitrophenol | 9.898 | 139 | 532818 | 39.465 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.957 | 122 | 949972 | 40.141 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.198 | 93 | 1413942 | 40.516 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 883696 | 39.386 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.645 | 180 | 911032 | 37.157 | ng | | 99 |
| 31) Naphthalene | 10.839 | 128 | 3198124 | 38.685 | ng | | 100 |
| 32) Benzoic acid | 10.092 | 122 | 679038 | 40.169 | ng | | 100 |
| 33) 4-Chloroaniline | 10.945 | 127 | 1412866 | 40.102 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.122 | 225 | 514026 | 36.558 | ng | | 99 |
| 35) Caprolactam | 11.739 | 113 | 284270 | 41.628 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.069 | 107 | 986804 | 41.303 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.445 | 142 | 2186488 | 39.460 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.663 | 142 | 2045525 | 39.393 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 965999 | 36.884 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.792 | 237 | 571780 | 39.773 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.051 | 196 | 666542 | 39.302 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.116 | 196 | 775111 | 39.046 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.451 | 154 | 2635390 | 38.614 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.492 | 162 | 1975056 | 38.377 | ng | 100 |
| 48) 2-Nitroaniline | 13.692 | 65 | 679055 | 41.524 | ng | 96 |
| 49) Acenaphthylene | 14.333 | 152 | 3260743 | 39.777 | ng | 99 |
| 50) Dimethylphthalate | 14.074 | 163 | 2463690 | 39.743 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.192 | 165 | 532842 | 39.149 | ng | 97 |
| 52) Acenaphthene | 14.680 | 154 | 1957108 | 38.847 | ng | 100 |
| 53) 3-Nitroaniline | 14.521 | 138 | 628128 | 39.484 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.721 | 184 | 297956 | 40.549 | ng | 99 |
| 55) Dibenzofuran | 15.010 | 168 | 3056181 | 38.766 | ng | 99 |
| 56) 4-Nitrophenol | 14.815 | 139 | 501888 | 40.765 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.974 | 165 | 701130 | 39.255 | ng | 96 |
| 58) Fluorene | 15.657 | 166 | 2431816 | 39.379 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.233 | 232 | 598036 | 39.063 | ng | 98 |
| 60) Diethylphthalate | 15.433 | 149 | 2494434 | 41.355 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 1172383 | 38.643 | ng | 97 |
| 62) 4-Nitroaniline | 15.680 | 138 | 643477 | 39.758 | ng | 100 |
| 63) Azobenzene | 15.945 | 77 | 2735522 | 42.861 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198 | 393342 | 39.201 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.868 | 169 | 2070623 | 39.157 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248 | 657064 | 38.782 | ng | 94 |
| 68) Hexachlorobenzene | 16.662 | 284 | 709745 | 37.473 | ng | 98 |
| 69) Atrazine | 16.821 | 200 | 592464 | 41.018 | ng | 99 |
| 70) Pentachlorophenol | 17.004 | 266 | 537925 | 38.615 | ng | 99 |
| 71) Phenanthrene | 17.398 | 178 | 3555059 | 38.616 | ng | 100 |
| 72) Anthracene | 17.492 | 178 | 3616829 | 39.395 | ng | 100 |
| 73) Carbazole | 17.762 | 167 | 3358382 | 40.081 | ng | 99 |
| 74) Di-n-butylphthalate | 18.327 | 149 | 4107219 | 40.482 | ng | 100 |
| 75) Fluoranthene | 19.409 | 202 | 3865888 | 39.771 | ng | 98 |
| 77) Benzidine | 19.598 | 184 | 1323306 | 42.865 | ng | 98 |
| 78) Pyrene | 19.774 | 202 | 4084205 | 39.606 | ng | 100 |
| 80) Butylbenzylphthalate | 20.674 | 149 | 1811082 | 41.767 | ng | 100 |
| 81) Benzo(a)anthracene | 21.521 | 228 | 3936283 | 39.811 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.456 | 252 | 1275932 | 41.989 | ng | 100 |
| 83) Chrysene | 21.574 | 228 | 3756568 | 39.065 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.450 | 149 | 2732690 | 43.358 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.386 | 149 | 4571975 | 43.816 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.515 | 276 | 4372114 | 39.526 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.233 | 252 | 3733788 | 40.204 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.280 | 252 | 3751171 | 38.812 | ng | 99 |
| 90) Benzo(a)pyrene | 23.868 | 252 | 3604812 | 40.331 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.532 | 278 | 3698395 | 39.481 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.291 | 276 | 3568421 | 38.936 | ng | 98 |

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

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