Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021592.D
Acq On : 21 Aug 2024 10:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 10:57:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 299938 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.593 | 136 | 1244552 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.451 | 164 | 863135 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 1998553 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.733 | 240 | 2127498 | 20.000 | ng | | 0.04 |
| 86) Perylene-d12 | 25.174 | 264 | 2528931 | 20.000 | ng | | 0.07 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.405 | 112 | 1662870 | 82.321 | ng | | 0.01 |
| 7) Phenol-d6 | 6.969 | 99 | 2372349 | 80.509 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.946 | 82 | 2098453 | 87.029 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.975 | 330 | 942695 | 98.133 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.057 | 172 | 4274617 | 75.582 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.986 | 244 | 8059275 | 73.593 | ng | | 0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.322 | 88 | 344196 | 35.937 | ng | | 98 |
| 3) Pyridine | 3.716 | 79 | 966341 | 36.141 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.622 | 42 | 304047 | 37.833 | ng | | 91 |
| 6) Aniline | 7.134 | 93 | 1072114 | 36.394 | ng | | 96 |
| 8) 2-Chlorophenol | 7.369 | 128 | 798991 | 42.802 | ng | | 96 |
| 9) Benzaldehyde | 6.946 | 77 | 654682m | 34.700 | ng | | |
| 10) Phenol | 6.999 | 94 | 1203568 | 39.444 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.222 | 93 | 909737 | 35.234 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.699 | 146 | 875909 | 39.503 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.840 | 146 | 887831 | 39.653 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.157 | 146 | 849104 | 39.353 | ng | | 98 |
| 15) Benzyl Alcohol | 8.034 | 79 | 804547 | 38.053 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 832233 | 35.001 | ng | | 97 |
| 17) 2-Methylphenol | 8.240 | 107 | 782857 | 40.583 | ng | | 95 |
| 18) Hexachloroethane | 8.881 | 117 | 356687 | 39.727 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.604 | 70 | 679610 | 33.388 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.563 | 107 | 1094779 | 42.089 | ng | | 98 |
| 22) Acetophenone | 8.616 | 105 | 1456800 | 38.102 | ng | # | 98 |
| 24) Nitrobenzene | 8.987 | 77 | 1072762 | 40.964 | ng | | 93 |
| 25) Isophorone | 9.522 | 82 | 2008607 | 35.261 | ng | | 96 |
| 26) 2-Nitrophenol | 9.698 | 139 | 409562 | 56.798 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.763 | 122 | 573426 | 40.790 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.998 | 93 | 1258385 | 36.190 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.240 | 162 | 753034 | 45.336 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.451 | 180 | 837253 | 39.317 | ng | | 98 |
| 31) Naphthalene | 10.640 | 128 | 2598668 | 39.970 | ng | | 100 |
| 32) Benzoic acid | 9.893 | 122 | 685886 | 64.978 | ng | | 92 |
| 33) 4-Chloroaniline | 10.740 | 127 | 1016351 | 41.616 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.934 | 225 | 511254 | 38.130 | ng | | 99 |
| 35) Caprolactam | 11.522 | 113 | 338251 | 48.925 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 11.863 | 107 | 1038019 | 45.052 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.251 | 142 | 1773611 | 39.970 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.475 | 142 | 1750319 | 39.995 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 963399 | 38.094 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.610 | 237 | 299697 | 37.390 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.869 | 196 | 651032 | 46.343 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.934 | 196 | 738109 | 47.290 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.269 | 154 | 2347656 | 38.444 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.310 | 162 | 1841602 | 38.735 | ng | | 99 |
| 48) 2-Nitroaniline | 13.510 | 65 | 622860 | 46.878 | ng | | 88 |
| 49) Acenaphthylene | 14.175 | 152 | 2777456 | 39.740 | ng | | 100 |
| 50) Dimethylphthalate | 13.904 | 163 | 2383762 | 41.239 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.010 | 165 | 547117 | 47.006 | ng | | 89 |
| 52) Acenaphthene | 14.522 | 154 | 1913215m | 41.720 | ng | | |
| 53) 3-Nitroaniline | 14.339 | 138 | 572615 | 49.787 | ng | # | 90 |
| 54) 2,4-Dinitrophenol | 14.557 | 184 | 257171 | 68.565 | ng | | 91 |
| 55) Dibenzofuran | 14.863 | 168 | 2852179 | 40.431 | ng | | 99 |
| 56) 4-Nitrophenol | 14.657 | 139 | 530034 | 56.857 | ng | # | 86 |
| 57) 2,4-Dinitrotoluene | 14.816 | 165 | 786066 | 52.475 | ng | # | 83 |
| 58) Fluorene | 15.522 | 166 | 2311380 | 39.883 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232 | 652137 | 49.225 | ng | | 98 |
| 60) Diethylphthalate | 15.292 | 149 | 2468390 | 41.619 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.516 | 204 | 1162069 | 38.791 | ng | | 99 |
| 62) 4-Nitroaniline | 15.528 | 138 | 624880 | 52.720 | ng | | 92 |
| 63) Azobenzene | 15.816 | 77 | 2628337 | 36.052 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198 | 385486 | 59.143 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.728 | 169 | 2028600 | 37.876 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.428 | 248 | 782107 | 36.976 | ng | | 96 |
| 68) Hexachlorobenzene | 16.551 | 284 | 940976 | 37.644 | ng | | 96 |
| 69) Atrazine | 16.704 | 200 | 586984 | 31.922 | ng | | 100 |
| 70) Pentachlorophenol | 16.904 | 266 | 678081 | 49.701 | ng | | 99 |
| 71) Phenanthrene | 17.304 | 178 | 3812612 | 39.667 | ng | | 100 |
| 72) Anthracene | 17.398 | 178 | 3753460 | 39.819 | ng | | 100 |
| 73) Carbazole | 17.680 | 167 | 3802182 | 41.855 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.286 | 149 | 4626416 | 41.468 | ng | | 99 |
| 75) Fluoranthene | 19.392 | 202 | 5065836 | 42.956 | ng | | 100 |
| 77) Benzidine | 19.580 | 184 | 2179850 | 44.381 | ng | | 100 |
| 78) Pyrene | 19.769 | 202 | 5480284 | 39.410 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.716 | 149 | 2291308 | 43.759 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.715 | 228 | 5344489 | 40.017 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.621 | 252 | 1980659 | 46.254 | ng | | 98 |
| 83) Chrysene | 21.780 | 228 | 5057713 | 40.110 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.663 | 149 | 3523936 | 44.643 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.974 | 149 | 6254114 | 45.395 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 29.092 | 276 | 6515210m | 39.744 | ng | | |
| 88) Benzo(b)fluoranthene | 24.080 | 252 | 5840763 | 40.214 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.157 | 252 | 5450839 | 38.472 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.021 | 252 | 5054251 | 40.100 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.180 | 278 | 5406445 | 39.693 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.327 | 276 | 5458301 | 39.982 | ng | | 99 |

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

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