Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
Data File : BP010635.D
Acq On : 31 May 2022 12:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 01 05:28:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 121367 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.669 | 136 | 457382 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.504 | 164 | 277393 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.257 | 188 | 544695 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 502238 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.757 | 264 | 503794 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.446 | 112 | 545691 | 82.025 | ng | | 0.00 |
| 7) Phenol-d6 | 7.046 | 99 | 754840 | 79.923 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.028 | 82 | 770316 | 79.625 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.998 | 330 | 257765 | 82.092 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.128 | 172 | 1562377 | 79.937 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 2054372 | 76.831 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 107713 | 38.126 | ng | | 96 |
| 3) Pyridine | 3.752 | 79 | 300231 | 37.946 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.664 | 42 | 175233 | 36.323 | ng | | 87 |
| 6) Aniline | 7.193 | 93 | 438954 | 39.504 | ng | | 99 |
| 8) 2-Chlorophenol | 7.434 | 128 | 297394 | 39.607 | ng | | 99 |
| 9) Benzaldehyde | 7.010 | 77 | 219471 | 35.312 | ng | | 97 |
| 10) Phenol | 7.069 | 94 | 387725 | 39.698 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.293 | 93 | 292314 | 37.763 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.757 | 146 | 339042 | 38.962 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.905 | 146 | 350677 | 39.328 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 329801 | 38.637 | ng | | 100 |
| 15) Benzyl Alcohol | 8.110 | 79 | 298075 | 39.370 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.405 | 45 | 509868 | 35.231 | ng | | 98 |
| 17) 2-Methylphenol | 8.316 | 107 | 262803 | 40.094 | ng | | 97 |
| 18) Hexachloroethane | 8.946 | 117 | 129563 | 37.565 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.675 | 70 | 259730 | 37.704 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.646 | 107 | 357281 | 39.653 | ng | | 98 |
| 22) Acetophenone | 8.693 | 105 | 480791 | 40.308 | ng | # | 95 |
| 24) Nitrobenzene | 9.069 | 77 | 385468 | 39.439 | ng | | 97 |
| 25) Isophorone | 9.599 | 82 | 639826 | 39.590 | ng | | 99 |
| 26) 2-Nitrophenol | 9.781 | 139 | 164947 | 43.303 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.851 | 122 | 234119 | 41.353 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.081 | 93 | 350036 | 39.207 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 282028 | 41.437 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.534 | 180 | 318540 | 39.787 | ng | | 97 |
| 31) Naphthalene | 10.716 | 128 | 965100 | 40.054 | ng | | 99 |
| 32) Benzoic acid | 9.999 | 122 | 137424 | 33.666 | ng | | 98 |
| 33) 4-Chloroaniline | 10.834 | 127 | 381724 | 41.010 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.004 | 225 | 213132 | 39.430 | ng | | 98 |
| 35) Caprolactam | 11.622 | 113 | 86404 | 43.980 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 314347 | 40.536 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.328 | 142 | 659491 | 39.226 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.545 | 142 | 636553 | 38.769 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.698 | 216 | 353195 | 40.930 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.681 | 237 | 186458 | 40.591 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.945 | 196 | 229119 | 42.531 | ng | | 99 |

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.022 | 196 | 248797 | 40.831 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.340 | 154 | 829647 | 40.099 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.381 | 162 | 651318 | 40.049 | ng | 99 |
| 48) 2-Nitroaniline | 13.587 | 65 | 229612 | 40.736 | ng | 95 |
| 49) Acenaphthylene | 14.228 | 152 | 1010468 | 40.452 | ng | 99 |
| 50) Dimethylphthalate | 13.963 | 163 | 794830 | 39.806 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 176362 | 41.534 | ng | 97 |
| 52) Acenaphthene | 14.569 | 154 | 603793 | 39.370 | ng | 98 |
| 53) 3-Nitroaniline | 14.410 | 138 | 182162 | 43.802 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.628 | 184 | 91481 | 38.657 | ng | 95 |
| 55) Dibenzofuran | 14.904 | 168 | 961824 | 39.660 | ng | 98 |
| 56) 4-Nitrophenol | 14.739 | 139 | 128351 | 38.632 | ng | 87 |
| 57) 2,4-Dinitrotoluene | 14.875 | 165 | 234488 | 42.424 | ng | 89 |
| 58) Fluorene | 15.551 | 166 | 788137 | 39.751 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.134 | 232 | 208319 | 39.882 | ng | 98 |
| 60) Diethylphthalate | 15.328 | 149 | 780393 | 39.262 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.545 | 204 | 390795 | 39.215 | ng | 98 |
| 62) 4-Nitroaniline | 15.575 | 138 | 184975 | 42.066 | ng | 96 |
| 63) Azobenzene | 15.839 | 77 | 800453 | 38.130 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 198 | 136929 | 40.393 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.763 | 169 | 652688 | 39.795 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248 | 233331 | 39.377 | ng | 99 |
| 68) Hexachlorobenzene | 16.569 | 284 | 260302 | 39.770 | ng | 93 |
| 69) Atrazine | 16.722 | 200 | 219513 | 41.264 | ng | 99 |
| 70) Pentachlorophenol | 16.916 | 266 | 140061 | 37.278 | ng | 98 |
| 71) Phenanthrene | 17.298 | 178 | 1189704 | 39.828 | ng | 99 |
| 72) Anthracene | 17.392 | 178 | 1155300 | 40.391 | ng | 99 |
| 73) Carbazole | 17.663 | 167 | 1033199 | 42.502 | ng | 99 |
| 74) Di-n-butylphthalate | 18.210 | 149 | 1267461 | 41.012 | ng | 99 |
| 75) Fluoranthene | 19.269 | 202 | 1356686 | 41.816 | ng | 100 |
| 77) Benzidine | 19.445 | 184 | 482132 | 49.974 | ng | 97 |
| 78) Pyrene | 19.622 | 202 | 1391590 | 39.759 | ng | 99 |
| 80) Butylbenzylphthalate | 20.492 | 149 | 579370 | 42.029 | ng | 94 |
| 81) Benzo(a)anthracene | 21.327 | 228 | 1327748 | 40.293 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.263 | 252 | 394260 | 43.626 | ng | 97 |
| 83) Chrysene | 21.380 | 228 | 1264690 | 39.129 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 794260 | 40.876 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.174 | 149 | 1344902 | 41.533 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.280 | 276 | 1486980 | 40.488 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.021 | 252 | 1213021 | 38.242 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.074 | 252 | 1267116 | 39.408 | ng | 100 |
| 90) Benzo(a)pyrene | 23.651 | 252 | 1051550 | 40.078 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.292 | 278 | 1238916 | 40.332 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.051 | 276 | 1232027 | 40.343 | ng | 98 |

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

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