Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006290.D
Acq On : 23 Jul 2021 16:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jul 23 17:30:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.793 | 152 | 303360 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.581 | 136 | 1280771 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.422 | 164 | 754548 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.174 | 188 | 1454409 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.280 | 240 | 1340015 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.633 | 264 | 1371578 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.387 | 112 | 1530483 | 80.982 | ng | | -0.01 |
| 7) Phenol-d6 | 6.963 | 99 | 2197104 | 84.003 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.951 | 82 | 2002986 | 82.754 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.916 | 330 | 504018 | 73.309 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.051 | 172 | 3896066 | 77.663 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.757 | 244 | 5426963 | 81.942 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 316492 | 39.421 | ng | | 91 |
| 3) Pyridine | 3.722 | 79 | 943294 | 41.088 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 343627 | 43.760 | ng | | 80 |
| 6) Aniline | 7.128 | 93 | 1205297 | 42.392 | ng | | 97 |
| 8) 2-Chlorophenol | 7.357 | 128 | 853270 | 41.349 | ng | | 94 |
| 9) Benzaldehyde | 6.940 | 77 | 625102 | 41.430 | ng | | 93 |
| 10) Phenol | 6.993 | 94 | 1097937 | 42.203 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.228 | 93 | 843115 | 42.198 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.681 | 146 | 885294 | 40.229 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.828 | 146 | 899346 | 40.242 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.140 | 146 | 861809 | 40.292 | ng | | 98 |
| 15) Benzyl Alcohol | 8.034 | 79 | 818806 | 43.525 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 940204 | 43.353 | ng | | 93 |
| 17) 2-Methylphenol | 8.234 | 107 | 718103 | 42.759 | ng | | 99 |
| 18) Hexachloroethane | 8.863 | 117 | 331366 | 40.774 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.604 | 70 | 721595 | 44.757 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.563 | 107 | 972054 | 42.813 | ng | | 96 |
| 22) Acetophenone | 8.616 | 105 | 1279125 | 40.392 | ng | # | 98 |
| 24) Nitrobenzene | 8.992 | 77 | 1042805 | 41.268 | ng | | 94 |
| 25) Isophorone | 9.522 | 82 | 1877869 | 42.260 | ng | | 96 |
| 26) 2-Nitrophenol | 9.698 | 139 | 405105 | 41.892 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.763 | 122 | 709463 | 40.778 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.004 | 93 | 1036958 | 40.912 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.228 | 162 | 722815 | 40.537 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.439 | 180 | 766131 | 38.967 | ng | | 97 |
| 31) Naphthalene | 10.628 | 128 | 2678259 | 39.577 | ng | | 99 |
| 32) Benzoic acid | 9.898 | 122 | 495383 | 40.027 | ng | | 92 |
| 33) 4-Chloroaniline | 10.739 | 127 | 1098489 | 40.590 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.916 | 225 | 448291 | 38.866 | ng | | 98 |
| 35) Caprolactam | 11.545 | 113 | 241829 | 42.851 | ng | | 84 |
| 36) 4-Chloro-3-methylphenol | 11.869 | 107 | 885235 | 41.713 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.239 | 142 | 1857160 | 39.966 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.463 | 142 | 1754928 | 40.063 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216 | 786953 | 38.687 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.592 | 237 | 440352 | 39.966 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.851 | 196 | 542885 | 40.423 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.922 | 196 | 594052 | 40.341 | ng | # | 92 |
| 46) 1,1'-Biphenyl | 13.257 | 154 | 2217306 | 39.230 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.298 | 162 | 1691371 | 38.963 | ng | | 96 |
| 48) 2-Nitroaniline | 13.504 | 65 | 541939 | 43.354 | ng | | 92 |
| 49) Acenaphthylene | 14.145 | 152 | 2731019 | 39.719 | ng | | 100 |
| 50) Dimethylphthalate | 13.892 | 163 | 2085489 | 39.378 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.010 | 165 | 469549 | 40.961 | ng | | 91 |
| 52) Acenaphthene | 14.486 | 154 | 1662219 | 39.109 | ng | | 98 |
| 53) 3-Nitroaniline | 14.333 | 138 | 512133 | 41.605 | ng | | 87 |
| 54) 2,4-Dinitrophenol | 14.533 | 184 | 226613 | 39.224 | ng | # | 90 |
| 55) Dibenzofuran | 14.822 | 168 | 2587623 | 38.878 | ng | | 96 |
| 56) 4-Nitrophenol | 14.639 | 139 | 436775 | 41.710 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 14.792 | 165 | 622065 | 41.514 | ng | | 89 |
| 58) Fluorene | 15.474 | 166 | 2071999 | 39.057 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 485129 | 39.674 | ng | # | 77 |
| 60) Diethylphthalate | 15.263 | 149 | 2177755 | 40.093 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.474 | 204 | 960244 | 38.631 | ng | | 93 |
| 62) 4-Nitroaniline | 15.504 | 138 | 534443 | 41.887 | ng | # | 85 |
| 63) Azobenzene | 15.769 | 77 | 2420213 | 41.738 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 198 | 321776 | 39.786 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 15.692 | 169 | 1794067 | 39.803 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.374 | 248 | 459607 | 35.780 | ng | | 93 |
| 68) Hexachlorobenzene | 16.474 | 284 | 627564 | 38.614 | ng | # | 92 |
| 69) Atrazine | 16.657 | 200 | 576398 | 40.505 | ng | | 97 |
| 70) Pentachlorophenol | 16.821 | 266 | 398749 | 40.894 | ng | | 99 |
| 71) Phenanthrene | 17.221 | 178 | 3139456 | 39.126 | ng | | 99 |
| 72) Anthracene | 17.310 | 178 | 3095935 | 39.892 | ng | | 100 |
| 73) Carbazole | 17.586 | 167 | 3110754 | 40.064 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.157 | 149 | 3663967 | 41.698 | ng | | 100 |
| 75) Fluoranthene | 19.192 | 202 | 3509309 | 39.078 | ng | | 94 |
| 77) Benzidine | 19.380 | 184 | 1498146 | 42.833 | ng | | 99 |
| 78) Pyrene | 19.545 | 202 | 3618538 | 41.053 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.439 | 149 | 1634936 | 43.839 | ng | | 88 |
| 81) Benzo(a)anthracene | 21.262 | 228 | 3419780 | 39.747 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.204 | 252 | 937433 | 41.163 | ng | # | 97 |
| 83) Chrysene | 21.315 | 228 | 3332087 | 40.040 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.209 | 149 | 2470800 | 43.969 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.127 | 149 | 4087045 | 43.728 | ng | # | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.074 | 276 | 3890339 | 39.683 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 22.915 | 252 | 3464003 | 39.288 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 22.968 | 252 | 3416586 | 40.927 | ng | # | 96 |
| 90) Benzo(a)pyrene | 23.527 | 252 | 3178267 | 40.239 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 26.097 | 278 | 3367207 | 39.755 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 26.821 | 276 | 3231505 | 39.569 | ng | # | 89 |

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

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