Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006513.D
Acq On : 05 Aug 2021 19:13
Operator : CG/JU
Sample : PB138213BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB138213BS

Quant Time: Aug 06 01:10:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.758 | 152 | 237611 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.540 | 136 | 998146 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.387 | 164 | 554349 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.139 | 188 | 1059752 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.239 | 240 | 1018989 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.563 | 264 | 1056962 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 2326915 | 150.414 | ng | | 0.00 |
| 7) Phenol-d6 | 6.940 | 99 | 2950334 | 134.256 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.916 | 82 | 1944310 | 89.911 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.881 | 330 | 851261 | 146.932 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.016 | 172 | 3366769 | 90.865 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.716 | 244 | 4822368 | 94.829 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 240416 | 35.696 | ng | | 90 |
| 3) Pyridine | 3.693 | 79 | 614204 | 31.028 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.611 | 42 | 330497 | 44.235 | ng | # | 79 |
| 6) Aniline | 7.093 | 93 | 1091916 | 45.743 | ng | | 95 |
| 8) 2-Chlorophenol | 7.322 | 128 | 830807 | 49.635 | ng | | 90 |
| 9) Benzaldehyde | 6.905 | 77 | 422392 | 31.935 | ng | | 91 |
| 10) Phenol | 6.969 | 94 | 1079487 | 48.989 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.193 | 93 | 809049 | 48.354 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.646 | 146 | 822987 | 47.176 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.793 | 146 | 842268 | 47.572 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.105 | 146 | 807859 | 47.552 | ng | | 97 |
| 15) Benzyl Alcohol | 8.005 | 79 | 804328 | 48.807 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.287 | 45 | 943590 | 47.391 | ng | | 92 |
| 17) 2-Methylphenol | 8.205 | 107 | 695981 | 50.020 | ng | | 99 |
| 18) Hexachloroethane | 8.828 | 117 | 336636 | 48.037 | ng | | 89 |
| 19) n-Nitroso-di-n-propyla... | 8.569 | 70 | 671344 | 45.535 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.534 | 107 | 942024 | 49.740 | ng | | 98 |
| 22) Acetophenone | 8.581 | 105 | 1244647 | 47.021 | ng | # | 98 |
| 24) Nitrobenzene | 8.957 | 77 | 994672 | 44.249 | ng | | 92 |
| 25) Isophorone | 9.487 | 82 | 1701454 | 43.806 | ng | | 95 |
| 26) 2-Nitrophenol | 9.663 | 139 | 416770 | 50.945 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.728 | 122 | 751576 | 54.863 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.969 | 93 | 1026288 | 49.384 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.193 | 162 | 673356 | 48.550 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.404 | 180 | 695994 | 46.700 | ng | | 96 |
| 31) Naphthalene | 10.593 | 128 | 2445536 | 45.596 | ng | | 99 |
| 32) Benzoic acid | 9.881 | 122 | 542862 | 51.224 | ng | | 89 |
| 33) 4-Chloroaniline | 10.710 | 127 | 639719 | 29.474 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.875 | 225 | 401500 | 46.231 | ng | | 98 |
| 35) Caprolactam | 11.510 | 113 | 248194 | 49.628 | ng | # | 73 |
| 36) 4-Chloro-3-methylphenol | 11.840 | 107 | 835018 | 47.386 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.204 | 142 | 1660434 | 45.686 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.422 | 142 | 1529892 | 44.295 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216 | 699608 | 48.219 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 12.551 | 237 | 999623 | 129.903 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.816 | 196 | 489626 | 49.423 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.887 | 196 | 543946 | 49.603 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 13.222 | 154 | 1918820 | 45.731 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.263 | 162 | 1500728 | 46.445 | ng | | 95 |
| 48) 2-Nitroaniline | 13.475 | 65 | 575076 | 50.432 | ng | | 88 |
| 49) Acenaphthylene | 14.110 | 152 | 2485804 | 47.711 | ng | | 100 |
| 50) Dimethylphthalate | 13.863 | 163 | 1891757 | 46.881 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.975 | 165 | 419369 | 46.575 | ng | # | 83 |
| 52) Acenaphthene | 14.451 | 154 | 1437681 | 45.340 | ng | | 98 |
| 53) 3-Nitroaniline | 14.304 | 138 | 380792 | 38.147 | ng | | 84 |
| 54) 2,4-Dinitrophenol | 14.510 | 184 | 472843 | 100.419 | ng | # | 85 |
| 55) Dibenzofuran | 14.787 | 168 | 2228434 | 44.679 | ng | | 95 |
| 56) 4-Nitrophenol | 14.622 | 139 | 883030 | 101.877 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 14.763 | 165 | 586872 | 48.600 | ng | # | 84 |
| 58) Fluorene | 15.440 | 166 | 1838200 | 46.110 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.016 | 232 | 446686 | 48.606 | ng | # | 73 |
| 60) Diethylphthalate | 15.228 | 149 | 2031050 | 47.922 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.440 | 204 | 839676 | 46.510 | ng | | 90 |
| 62) 4-Nitroaniline | 15.469 | 138 | 513421 | 48.471 | ng | | 90 |
| 63) Azobenzene | 15.734 | 77 | 2274202 | 46.024 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 286659 | 44.270 | ng | | 73 |
| 66) n-Nitrosodiphenylamine | 15.657 | 169 | 1587994 | 47.674 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.334 | 248 | 494011 | 48.584 | ng | # | 87 |
| 68) Hexachlorobenzene | 16.439 | 284 | 556130 | 48.061 | ng | # | 88 |
| 69) Atrazine | 16.616 | 200 | 521468 | 50.169 | ng | | 95 |
| 70) Pentachlorophenol | 16.787 | 266 | 789334 | 107.514 | ng | | 99 |
| 71) Phenanthrene | 17.181 | 178 | 2810783 | 47.022 | ng | | 99 |
| 72) Anthracene | 17.275 | 178 | 2870479 | 49.696 | ng | | 100 |
| 73) Carbazole | 17.551 | 167 | 2729412 | 46.327 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.116 | 149 | 3561585 | 53.060 | ng | | 99 |
| 75) Fluoranthene | 19.157 | 202 | 3166587 | 47.197 | ng | | 94 |
| 77) Benzidine | 19.345 | 184 | 1760195 | 69.031 | ng | | 99 |
| 78) Pyrene | 19.510 | 202 | 3256867 | 47.851 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.398 | 149 | 1651022 | 55.164 | ng | # | 85 |
| 81) Benzo(a)anthracene | 21.222 | 228 | 3070517 | 46.108 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.163 | 252 | 1085816 | 62.107 | ng | # | 98 |
| 83) Chrysene | 21.275 | 228 | 3017700 | 46.742 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.163 | 149 | 2490923 | 55.383 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.069 | 149 | 4240841 | 57.207 | ng | # | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 25.974 | 276 | 3735536 | 48.741 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 22.857 | 252 | 3237995 | 47.136 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 22.904 | 252 | 3170000 | 48.063 | ng | # | 95 |
| 90) Benzo(a)pyrene | 23.463 | 252 | 3156970 | 51.237 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 25.992 | 278 | 3188846 | 48.123 | ng | # | 93 |
| 92) Benzo(g,h,i)perylene | 26.715 | 276 | 3140089 | 49.450 | ng | # | 89 |

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

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