Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
Data File : BP006162.D
Acq On : 09 Jul 2021 15:49
Operator : CG/JU
Sample : M2990-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-JMS

**Manual Integrations APPROVED**
mohammad
7/12/2021 12:36:53 PM

Quant Time: Jul 09 18:35:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 16:08:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 184416 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.675 | 136 | 686073 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 338637 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 581393 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 506524 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.745 | 264 | 621264 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.446 | 112 | 942764 | 87.962 | ng | | -0.01 |
| 7) Phenol-d6 | 7.058 | 99 | 1097608 | 77.423 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.040 | 82 | 610656 | 56.222 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.010 | 330 | 294373 | 73.015 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.134 | 172 | 1307296 | 57.071 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 1755776 | 68.343 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 221964 | 52.782 | ng | | 91 |
| 3) Pyridine | 3.723 | 79 | 545636 | 51.065 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 253845 | 60.400 | ng | # | 86 |
| 6) Aniline | 7.205 | 93 | 817694 | 54.666 | ng | | 98 |
| 8) 2-Chlorophenol | 7.440 | 128 | 715776 | 57.022 | ng | | 98 |
| 9) Benzaldehyde | 7.016 | 77 | 342245m | 44.233 | ng | | |
| 10) Phenol | 7.087 | 94 | 781062 | 57.365 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 7.299 | 93 | 592043 | 57.544 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.758 | 146 | 768739 | 57.155 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.905 | 146 | 782420 | 56.959 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 741717 | 56.718 | ng | | 99 |
| 15) Benzyl Alcohol | 8.128 | 79 | 522395 | 60.951 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.399 | 45 | 664038 | 54.344 | ng | | 90 |
| 17) 2-Methylphenol | 8.334 | 107 | 523998 | 56.572 | ng | | 94 |
| 18) Hexachloroethane | 8.946 | 117 | 266303 | 58.234 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.687 | 70 | 394038 | 50.983 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.663 | 107 | 694073 | 55.465 | ng | | 92 |
| 22) Acetophenone | 8.705 | 105 | 898452 | 57.536 | ng | | 98 |
| 24) Nitrobenzene | 9.087 | 77 | 607197 | 55.276 | ng | | 91 |
| 25) Isophorone | 9.616 | 82 | 1034506 | 50.172 | ng | | 95 |
| 26) 2-Nitrophenol | 9.799 | 139 | 359715 | 58.904 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 9.863 | 122 | 573654 | 63.637 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.093 | 93 | 674098 | 58.993 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.346 | 162 | 552871 | 55.819 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.540 | 180 | 589791 | 55.928 | ng | | 97 |
| 31) Naphthalene | 10.728 | 128 | 1950692 | 54.541 | ng | | 99 |
| 32) Benzoic acid | 10.069 | 122 | 375512 | 53.867 | ng | | 93 |
| 33) 4-Chloroaniline | 10.852 | 127 | 369074 | 26.733 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.005 | 225 | 316926 | 54.583 | ng | | 99 |
| 35) Caprolactam | 11.669 | 113 | 167631 | 53.689 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 11.993 | 107 | 557164 | 52.092 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.340 | 142 | 1311475 | 52.850 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.557 | 142 | 1195033 | 50.886 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.710 | 216 | 523344 | 62.302 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.681 | 237 | 352798 | 119.821 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.957 | 196 | 359758 | 59.197 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.040 | 196 | 382101 | 58.602 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 13.346 | 154 | 1463969 | 57.584 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.393 | 162 | 1137830 | 58.177 | ng | | 98 |
| 48) 2-Nitroaniline | 13.610 | 65 | 293664 | 60.424 | ng | | 87 |
| 49) Acenaphthylene | 14.234 | 152 | 1808686 | 57.431 | ng | | 100 |
| 50) Dimethylphthalate | 13.975 | 163 | 1312352 | 53.893 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.104 | 165 | 292538 | 53.286 | ng | | 92 |
| 52) Acenaphthene | 14.575 | 154 | 1042724 | 54.430 | ng | | 98 |
| 53) 3-Nitroaniline | 14.434 | 138 | 214353 | 38.538 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.657 | 184 | 274711 | 93.560 | ng | | 96 |
| 55) Dibenzofuran | 14.910 | 168 | 1591248 | 53.358 | ng | | 98 |
| 56) 4-Nitrophenol | 14.775 | 139 | 461383 | 105.181 | ng | # | 82 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 401868 | 54.351 | ng | | 96 |
| 58) Fluorene | 15.563 | 166 | 1273766 | 53.165 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 269393 | 52.803 | ng | # | 73 |
| 60) Diethylphthalate | 15.334 | 149 | 1315398 | 52.673 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 553181 | 52.668 | ng | | 90 |
| 62) 4-Nitroaniline | 15.604 | 138 | 276754 | 48.663 | ng | # | 84 |
| 63) Azobenzene | 15.845 | 77 | 1091939 | 52.375 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.669 | 198 | 178924 | 47.216 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 15.769 | 169 | 1077750 | 56.931 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248 | 321481 | 56.091 | ng | | 93 |
| 68) Hexachlorobenzene | 16.569 | 284 | 375946 | 55.261 | ng | # | 92 |
| 69) Atrazine | 16.734 | 200 | 334501 | 56.282 | ng | | 94 |
| 70) Pentachlorophenol | 16.928 | 266 | 410725 | 130.810 | ng | | 99 |
| 71) Phenanthrene | 17.304 | 178 | 1833475 | 55.840 | ng | | 100 |
| 72) Anthracene | 17.398 | 178 | 1882679 | 58.529 | ng | | 99 |
| 73) Carbazole | 17.675 | 167 | 1741342 | 54.630 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.216 | 149 | 2195397 | 57.220 | ng | | 99 |
| 75) Fluoranthene | 19.275 | 202 | 1956693 | 54.372 | ng | | 95 |
| 77) Benzidine | 19.457 | 184 | 1098442 | 73.133 | ng | | 99 |
| 78) Pyrene | 19.628 | 202 | 1994848 | 58.267 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 998943 | 58.824 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.333 | 228 | 1776472 | 55.452 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.263 | 252 | 590730 | 62.857 | ng | # | 97 |
| 83) Chrysene | 21.386 | 228 | 1773185 | 56.007 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149 | 1434480 | 57.229 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.157 | 149 | 2477566 | 56.121 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 2999788 | 65.493 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 23.010 | 252 | 2047686 | 54.336 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 23.063 | 252 | 2044701 | 55.510 | ng | # | 96 |
| 90) Benzo(a)pyrene | 23.639 | 252 | 2112947 | 59.748 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 26.286 | 278 | 2551729 | 64.699 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 27.051 | 276 | 2618850 | 67.470 | ng | # | 89 |

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

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