Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008966.D
Acq On : 31 Jan 2022 15:50
Operator : CG/JU
Sample : N1325-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 01 04:20:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
TES-3MSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 239556 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.628 | 136 | 821945 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.469 | 164 | 459123 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 821197 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.316 | 240 | 803177 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 23.727 | 264 | 935928 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.417 | 112 | 1525504 | 98.477 | ng | | 0.00 |
| 7) Phenol-d6 | 7.011 | 99 | 1775582 | 94.654 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.987 | 82 | 1106513 | 76.429 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.963 | 330 | 653146 | 97.732 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.093 | 172 | 2606693 | 74.872 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 3134310 | 65.870 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 255536 | 40.755 | ng | | 97 |
| 3) Pyridine | 3.723 | 79 | 637189 | 48.521 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 278198 | 45.153 | ng | | 88 |
| 6) Aniline | 7.158 | 93 | 551950 | 23.574 | ng | | 98 |
| 8) 2-Chlorophenol | 7.399 | 128 | 711649 | 43.134 | ng | | 100 |
| 9) Benzaldehyde | 6.969 | 77 | 438902 | 35.007 | ng | | 100 |
| 10) Phenol | 7.040 | 94 | 850654 | 44.480 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.252 | 93 | 651192 | 42.796 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.716 | 146 | 859300 | 43.736 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.864 | 146 | 867538 | 43.567 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.181 | 146 | 815800 | 42.966 | ng | | 100 |
| 15) Benzyl Alcohol | 8.075 | 79 | 552176 | 41.958 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.364 | 45 | 704561 | 41.405 | ng | | 99 |
| 17) 2-Methylphenol | 8.287 | 107 | 529333 | 41.315 | ng | | 97 |
| 18) Hexachloroethane | 8.905 | 117 | 297791 | 44.062 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.640 | 70 | 453122 | 41.322 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.611 | 107 | 703793 | 41.379 | ng | | 98 |
| 22) Acetophenone | 8.652 | 105 | 958803 | 45.792 | ng | # | 96 |
| 24) Nitrobenzene | 9.028 | 77 | 684559 | 46.811 | ng | | 97 |
| 25) Isophorone | 9.558 | 82 | 1202491 | 45.960 | ng | | 98 |
| 26) 2-Nitrophenol | 9.740 | 139 | 366744 | 47.703 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.810 | 122 | 584644 | 44.601 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.040 | 93 | 758760 | 44.442 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.287 | 162 | 635727 | 44.442 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.493 | 180 | 760635 | 45.395 | ng | | 99 |
| 31) Naphthalene | 10.675 | 128 | 2011526 | 45.058 | ng | | 99 |
| 32) Benzoic acid | 9.987 | 122 | 379392 | 50.432 | ng | | 98 |
| 33) 4-Chloroaniline | 10.793 | 127 | 220118 | 12.099 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.963 | 225 | 483225 | 46.158 | ng | | 99 |
| 35) Caprolactam | 11.587 | 113 | 163643 | 41.499 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.934 | 107 | 563024 | 43.629 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.293 | 142 | 1393706 | 42.705 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.510 | 142 | 1308125 | 43.669 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.663 | 216 | 805545 | 48.121 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.640 | 237 | 738608 | 86.229 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.910 | 196 | 494969 | 47.822 | ng | | 98 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.987 | 196 | 523855 | 47.025 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.304 | 154 | 1761997 | 47.170 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.346 | 162 | 1372204 | 47.641 | ng | | 99 |
| 48) 2-Nitroaniline | 13.551 | 65 | 318678 | 49.830 | ng | | 95 |
| 49) Acenaphthylene | 14.193 | 152 | 2099147 | 48.239 | ng | | 100 |
| 50) Dimethylphthalate | 13.928 | 163 | 1571277 | 46.081 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.051 | 165 | 345003 | 47.706 | ng | | 96 |
| 52) Acenaphthene | 14.534 | 154 | 1220936 | 47.306 | ng | | 99 |
| 53) 3-Nitroaniline | 14.381 | 138 | 141293 | 19.866 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.598 | 184 | 329815 | 112.767 | ng | | 95 |
| 55) Dibenzofuran | 14.869 | 168 | 1970205 | 46.847 | ng | | 98 |
| 56) 4-Nitrophenol | 14.710 | 139 | 516720 | 100.892 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 14.840 | 165 | 449557 | 48.329 | ng | # | 88 |
| 58) Fluorene | 15.522 | 166 | 1545681 | 46.532 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232 | 421659m | 45.951 | ng | | |
| 60) Diethylphthalate | 15.293 | 149 | 1497912 | 46.297 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.516 | 204 | 833100 | 46.040 | ng | | 99 |
| 62) 4-Nitroaniline | 15.545 | 138 | 299983 | 43.551 | ng | | 89 |
| 63) Azobenzene | 15.810 | 77 | 1276788 | 47.533 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198 | 214342 | 52.243 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.734 | 169 | 1313620 | 49.702 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248 | 502979 | 49.051 | ng | | 98 |
| 68) Hexachlorobenzene | 16.534 | 284 | 560740 | 47.721 | ng | | 97 |
| 69) Atrazine | 16.692 | 200 | 445421 | 45.351 | ng | | 98 |
| 70) Pentachlorophenol | 16.881 | 266 | 655612 | 104.746 | ng | | 99 |
| 71) Phenanthrene | 17.269 | 178 | 2281856 | 49.352 | ng | | 98 |
| 72) Anthracene | 17.357 | 178 | 2310851 | 49.822 | ng | | 99 |
| 73) Carbazole | 17.634 | 167 | 1984752 | 49.766 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.187 | 149 | 2395228 | 49.905 | ng | | 99 |
| 75) Fluoranthene | 19.239 | 202 | 2557355 | 49.738 | ng | | 96 |
| 77) Benzidine | 19.416 | 184 | 1133713 | 39.955 | ng | | 98 |
| 78) Pyrene | 19.586 | 202 | 2633591 | 46.993 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 1033850 | 45.869 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.304 | 228 | 2600398 | 48.125 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 803373 | 34.415 | ng | | 100 |
| 83) Chrysene | 21.357 | 228 | 2455819 | 46.884 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.228 | 149 | 1552286 | 44.472 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.151 | 149 | 2674059 | 45.288 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.251 | 276 | 4065418 | 52.714 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.992 | 252 | 2860990 | 45.773 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.045 | 252 | 2797893 | 46.244 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.622 | 252 | 2891349 | 47.925 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.263 | 278 | 3457742 | 52.727 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.015 | 276 | 3492798 | 54.551 | ng | | 99 |

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

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