Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010585.D
Acq On : 27 May 2022 22:57
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 28 01:24:42 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 01:22:11 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 144743 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.669 | 136 | 576888 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.504 | 164 | 350975 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.257 | 188 | 672152 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.339 | 240 | 606662 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.751 | 264 | 584207 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.446 | 112 | 799427 | 96.429 | ng | | 0.00 |
| 7) Phenol-d6 | 7.040 | 99 | 1144456 | 102.079 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.034 | 82 | 1216661 | 112.074 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.998 | 330 | 403270 | 69.629 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.128 | 172 | 2477554 | 97.859 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 3219521 | 95.254 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 162879 | 49.603 | ng | | 98 |
| 3) Pyridine | 3.752 | 79 | 479151m | 54.179 | ng | | |
| 4) n-Nitrosodimethylamine | 3.664 | 42 | 276395 | 84.861 | ng | | 95 |
| 6) Aniline | 7.199 | 93 | 670335 | 52.460 | ng | | 98 |
| 8) 2-Chlorophenol | 7.434 | 128 | 444391 | 47.008 | ng | | 97 |
| 9) Benzaldehyde | 7.011 | 77 | 321945 | 54.177 | ng | | 99 |
| 10) Phenol | 7.069 | 94 | 583041 | 51.836 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.293 | 93 | 463149 | 52.030 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.758 | 146 | 509209 | 47.725 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.905 | 146 | 518428 | 47.523 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 496138 | 47.054 | ng | | 99 |
| 15) Benzyl Alcohol | 8.111 | 79 | 463781 | 51.884 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.405 | 45 | 823275 | 85.319 | ng | | 99 |
| 17) 2-Methylphenol | 8.316 | 107 | 397990 | 51.347 | ng | | 99 |
| 18) Hexachloroethane | 8.946 | 117 | 200342 | 52.402 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.681 | 70 | 408244 | 57.570 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.646 | 107 | 554913 | 52.067 | ng | | 98 |
| 22) Acetophenone | 8.693 | 105 | 750200 | 52.541 | ng | # | 98 |
| 24) Nitrobenzene | 9.075 | 77 | 617797 | 60.243 | ng | | 97 |
| 25) Isophorone | 9.605 | 82 | 1026723 | 55.446 | ng | | 98 |
| 26) 2-Nitrophenol | 9.787 | 139 | 252130 | 47.168 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.846 | 122 | 362376 | 48.043 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.081 | 93 | 562146 | 46.624 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 442708 | 48.118 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.534 | 180 | 500123 | 46.918 | ng | | 98 |
| 31) Naphthalene | 10.722 | 128 | 1501348 | 50.524 | ng | | 100 |
| 32) Benzoic acid | 10.005 | 122 | 289401 | 49.075 | ng | | 99 |
| 33) 4-Chloroaniline | 10.834 | 127 | 591501 | 48.780 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 332629 | 46.054 | ng | | 98 |
| 35) Caprolactam | 11.622 | 113 | 126280 | 40.669 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.957 | 107 | 491162 | 49.680 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.328 | 142 | 1043882 | 50.068 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.546 | 142 | 1012732 | 49.861 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.698 | 216 | 551462 | 47.356 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.681 | 237 | 314018 | 76.537 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.940 | 196 | 359714 | 46.604 | ng | | 97 |

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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 | 13.010 | 196 | 400049 | 47.728 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.340 | 154 | 1312938 | 50.145 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.381 | 162 | 1034956 | 50.206 | ng | 99 |
| 48) 2-Nitroaniline | 13.587 | 65 | 367312 | 65.423 | ng | 97 |
| 49) Acenaphthylene | 14.228 | 152 | 1586263 | 49.847 | ng | 99 |
| 50) Dimethylphthalate | 13.969 | 163 | 1250484 | 47.021 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 271467 | 48.719 | ng | 99 |
| 52) Acenaphthene | 14.569 | 154 | 961335 | 50.572 | ng | 98 |
| 53) 3-Nitroaniline | 14.410 | 138 | 275940 | 46.885 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.622 | 184 | 152762 | 49.912 | ng | 96 |
| 55) Dibenzofuran | 14.904 | 168 | 1510927 | 47.312 | ng | 99 |
| 56) 4-Nitrophenol | 14.722 | 139 | 214405 | 48.872 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.869 | 165 | 365619 | 47.721 | ng | 95 |
| 58) Fluorene | 15.551 | 166 | 1234875 | 49.166 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.134 | 232 | 336986 | 44.348 | ng | 99 |
| 60) Diethylphthalate | 15.328 | 149 | 1239765 | 46.578 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.545 | 204 | 620302 | 44.834 | ng | 98 |
| 62) 4-Nitroaniline | 15.575 | 138 | 278342 | 45.032 | ng | 96 |
| 63) Azobenzene | 15.839 | 77 | 1303301 | 56.288 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 198 | 207951 | 48.113 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.763 | 169 | 1026685 | 51.616 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248 | 367524 | 44.684 | ng | 98 |
| 68) Hexachlorobenzene | 16.569 | 284 | 402613 | 42.532 | ng | 96 |
| 69) Atrazine | 16.722 | 200 | 338156 | 48.354 | ng | 99 |
| 70) Pentachlorophenol | 16.910 | 266 | 246329 | 48.681 | ng | 98 |
| 71) Phenanthrene | 17.298 | 178 | 1842402 | 51.206 | ng | 100 |
| 72) Anthracene | 17.392 | 178 | 1780671 | 50.125 | ng | 100 |
| 73) Carbazole | 17.663 | 167 | 1549599 | 44.603 | ng | 99 |
| 74) Di-n-butylphthalate | 18.216 | 149 | 2014694 | 49.487 | ng | 99 |
| 75) Fluoranthene | 19.269 | 202 | 2047660 | 47.008 | ng | 99 |
| 77) Benzidine | 19.445 | 184 | 597794 | 40.201 | ng | 100 |
| 78) Pyrene | 19.616 | 202 | 2107786 | 52.726 | ng | 99 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 889750 | 52.364 | ng | 100 |
| 81) Benzo(a)anthracene | 21.327 | 228 | 2013180 | 50.510 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.257 | 252 | 588641 | 38.230 | ng | 100 |
| 83) Chrysene | 21.380 | 228 | 1951066 | 51.696 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 1267294 | 53.509 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.174 | 149 | 2134438 | 52.285 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 2167142 | 48.895 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.021 | 252 | 1903454 | 54.578 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.069 | 252 | 1899958 | 55.641 | ng | 99 |
| 90) Benzo(a)pyrene | 23.651 | 252 | 1582951 | 53.050 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.292 | 278 | 1825754 | 49.426 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.039 | 276 | 1794431 | 49.380 | ng | 99 |

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

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