Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009369.D
Acq On : 11 Mar 2022 17:32
Operator : CG/JU
Sample : N1884-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HR-03-031022MSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 04:51:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 322559 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.610 | 136 | 1216845 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.457 | 164 | 700922 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 1375046 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.327 | 240 | 1362467 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.733 | 264 | 1630390 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 2361881 | 106.883 | ng | | 0.01 |
| 7) Phenol-d6 | 7.005 | 99 | 2913510 | 103.751 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 8.969 | 82 | 1802037 | 81.567 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.957 | 330 | 1190885 | 140.706 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.081 | 172 | 3934470 | 77.194 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.792 | 244 | 5382215 | 74.548 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 299376 | 31.827 | ng | | 98 |
| 3) Pyridine | 3.740 | 79 | 823517 | 41.077 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 343633 | 41.099 | ng | | 98 |
| 6) Aniline | 7.146 | 93 | 512892 | 14.419 | ng | | 99 |
| 8) 2-Chlorophenol | 7.387 | 128 | 975966 | 43.116 | ng | | 98 |
| 9) Benzaldehyde | 6.958 | 77 | 557613m | 31.165 | ng | | |
| 10) Phenol | 7.034 | 94 | 1182745 | 40.673 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.240 | 93 | 890000 | 39.548 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.705 | 146 | 1068800 | 40.078 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.852 | 146 | 1083902 | 40.058 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.169 | 146 | 1027745 | 39.742 | ng | | 99 |
| 15) Benzyl Alcohol | 8.063 | 79 | 827219 | 41.770 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352 | 45 | 964691 | 33.025 | ng | | 97 |
| 17) 2-Methylphenol | 8.275 | 107 | 773081 | 41.070 | ng | | 99 |
| 18) Hexachloroethane | 8.893 | 117 | 372461 | 39.551 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.628 | 70 | 661081 | 39.033 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.605 | 107 | 1038228 | 41.156 | ng | | 98 |
| 22) Acetophenone | 8.640 | 105 | 1342468 | 41.271 | ng | # | 98 |
| 24) Nitrobenzene | 9.016 | 77 | 1013969 | 43.306 | ng | | 97 |
| 25) Isophorone | 9.546 | 82 | 1804041 | 43.655 | ng | | 97 |
| 26) 2-Nitrophenol | 9.722 | 139 | 495483 | 54.627 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.799 | 122 | 839396 | 42.076 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93 | 1112237 | 41.128 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.269 | 162 | 870192 | 45.226 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.475 | 180 | 975479 | 43.316 | ng | | 98 |
| 31) Naphthalene | 10.663 | 128 | 2774873 | 41.178 | ng | | 100 |
| 32) Benzoic acid | 9.957 | 122 | 554241 | 54.702 | ng | | 94 |
| 33) 4-Chloroaniline | 10.775 | 127 | 318485 | 11.559 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.957 | 225 | 630047 | 45.942 | ng | | 99 |
| 35) Caprolactam | 11.569 | 113 | 251531 | 44.413 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.916 | 107 | 872702 | 43.451 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.275 | 142 | 1887059 | 39.414 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.493 | 142 | 1804534 | 40.924 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.646 | 216 | 1073507 | 45.448 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.634 | 237 | 788436 | 52.701 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.893 | 196 | 694090 | 48.939 | ng | | 99 |

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Misc :
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BNA_P
**ClientSampleId :**
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Reviewed By :Christian Giraldo 03/14/2022
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Quant Time: Mar 12 04:51:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.969 | 196 | 745398 | 47.915 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.293 | 154 | 2421058 | 42.307 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.328 | 162 | 1878534 | 43.338 | ng | | 99 |
| 48) 2-Nitroaniline | 13.534 | 65 | 515086 | 51.682 | ng | | 98 |
| 49) Acenaphthylene | 14.175 | 152 | 3028624 | 45.221 | ng | | 100 |
| 50) Dimethylphthalate | 13.916 | 163 | 2232837 | 43.190 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.034 | 165 | 500076 | 48.983 | ng | | 95 |
| 52) Acenaphthene | 14.522 | 154 | 1795545m | 41.831 | ng | | |
| 53) 3-Nitroaniline | 14.363 | 138 | 246230 | 22.706 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.569 | 184 | 145317 | 33.243 | ng | | 94 |
| 55) Dibenzofuran | 14.857 | 168 | 2735409 | 42.069 | ng | | 99 |
| 56) 4-Nitrophenol | 14.698 | 139 | 834674 | 92.550 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.822 | 165 | 663306 | 50.743 | ng | | 95 |
| 58) Fluorene | 15.510 | 166 | 2153918 | 42.301 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 629912 | 48.089 | ng | | 93 |
| 60) Diethylphthalate | 15.287 | 149 | 2196356 | 43.636 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 1143993 | 44.108 | ng | | 97 |
| 62) 4-Nitroaniline | 15.528 | 138 | 465407 | 44.257 | ng | | 98 |
| 63) Azobenzene | 15.798 | 77 | 1989565 | 40.234 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198 | 145012 | 23.976 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.722 | 169 | 1887251 | 43.723 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248 | 733742 | 49.460 | ng | | 96 |
| 68) Hexachlorobenzene | 16.522 | 284 | 832267 | 47.830 | ng | | 98 |
| 69) Atrazine | 16.686 | 200 | 696515 | 45.841 | ng | | 98 |
| 70) Pentachlorophenol | 16.875 | 266 | 1004491 | 95.913 | ng | | 98 |
| 71) Phenanthrene | 17.257 | 178 | 3324046 | 42.063 | ng | | 99 |
| 72) Anthracene | 17.351 | 178 | 3353084 | 42.629 | ng | | 100 |
| 73) Carbazole | 17.628 | 167 | 3057938 | 42.666 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.186 | 149 | 3660278 | 46.142 | ng | | 99 |
| 75) Fluoranthene | 19.239 | 202 | 3804638 | 41.712 | ng | | 98 |
| 77) Benzidine | 19.416 | 184 | 1916076 | 40.291 | ng | | 100 |
| 78) Pyrene | 19.592 | 202 | 3902141 | 42.419 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.475 | 149 | 1605221 | 48.345 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.310 | 228 | 4060652 | 43.972 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.245 | 252 | 1400178 | 41.305 | ng | | 98 |
| 83) Chrysene | 21.363 | 228 | 3707275 | 41.348 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 2271447 | 42.774 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.174 | 149 | 4067607 | 46.785 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.251 | 276 | 5413875 | 42.739 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 23.004 | 252 | 4527263 | 41.126 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.051 | 252 | 4275117 | 40.651 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.633 | 252 | 4414455 | 42.281 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.268 | 278 | 4747428 | 44.198 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 27.021 | 276 | 4760169 | 44.860 | ng | # | 95 |

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

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