Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137011.D
Acq On : 10 Jan 2024 10:24
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 10:44:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel
01/11/2024
Supervised By :mohammad ahmed
01/12/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.787 | 152 | 57642 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.063 | 136 | 228224 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.822 | 164 | 121243 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.316 | 188 | 240878 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.980 | 240 | 139609 | 20.000 | ng | # | 0.01 |
| 86) Perylene-d12 | 15.468 | 264 | 112349 | 20.000 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 308723 | 83.567 | ng | | 0.00 |
| 7) Phenol-d6 | 6.440 | 99 | 383364 | 80.085 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.351 | 82 | 354276 | 79.434 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.622 | 330 | 114473 | 80.168 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.145 | 172 | 728555 | 80.821 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.916 | 244 | 834779 | 83.560 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.540 | 88 | 62593 | 40.664 | ng | | 95 |
| 3) Pyridine | 3.304 | 79 | 148363 | 39.504 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.281 | 42 | 72740 | 36.269 | ng | | 92 |
| 6) Aniline | 6.457 | 93 | 188498 | 39.385 | ng | # | 50 |
| 8) 2-Chlorophenol | 6.581 | 128 | 164424 | 40.671 | ng | | 93 |
| 9) Benzaldehyde | 6.345 | 77 | 103847 | 38.140 | ng | | 98 |
| 10) Phenol | 6.451 | 94 | 203325 | 39.789 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.528 | 93 | 152318 | 39.195 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.728 | 146 | 178553 | 40.486 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.804 | 146 | 182615 | 40.524 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.957 | 146 | 173021 | 41.262 | ng | | 98 |
| 15) Benzyl Alcohol | 6.934 | 79 | 129541 | 40.112 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063 | 45 | 238744 | 37.576 | ng | | 77 |
| 17) 2-Methylphenol | 7.051 | 107 | 131230 | 39.182 | ng | | 94 |
| 18) Hexachloroethane | 7.292 | 117 | 64185 | 39.219 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 7.204 | 70 | 115895 | 39.939 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.204 | 107 | 172178 | 41.150 | ng | # | 70 |
| 22) Acetophenone | 7.198 | 105 | 233009 | 40.733 | ng | # | 89 |
| 24) Nitrobenzene | 7.375 | 77 | 177891 | 39.817 | ng | | 93 |
| 25) Isophorone | 7.610 | 82 | 320637 | 39.509 | ng | | 98 |
| 26) 2-Nitrophenol | 7.687 | 139 | 87954 | 41.147 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.728 | 122 | 106261 | 40.832 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.816 | 93 | 193434 | 39.212 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.934 | 162 | 137638 | 41.082 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.004 | 180 | 154427 | 41.369 | ng | | 99 |
| 31) Naphthalene | 8.087 | 128 | 504723 | 40.255 | ng | | 99 |
| 32) Benzoic acid | 7.869 | 122 | 95883m | 38.079 | ng | | |
| 33) 4-Chloroaniline | 8.139 | 127 | 185826 | 40.142 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.198 | 225 | 91033 | 40.138 | ng | | 99 |
| 35) Caprolactam | 8.528 | 113 | 46879m | 42.415 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.634 | 107 | 151135 | 40.070 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.781 | 142 | 327846 | 40.630 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.875 | 142 | 320591 | 40.497 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.945 | 216 | 152064 | 40.498 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.928 | 237 | 38383 | 34.996 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.063 | 196 | 97553 | 40.511 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.116 | 196 | 103419 | 38.540 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.245 | 154 | 411839 | 40.479 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.269 | 162 | 313773 | 40.568 | ng | | 99 |
| 48) 2-Nitroaniline | 9.375 | 65 | 96036 | 39.651 | ng | | 95 |
| 49) Acenaphthylene | 9.686 | 152 | 477017 | 40.349 | ng | | 99 |
| 50) Dimethylphthalate | 9.545 | 163 | 356627 | 40.270 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.616 | 165 | 83533 | 41.562 | ng | | 89 |
| 52) Acenaphthene | 9.857 | 154 | 292538 | 39.919 | ng | | 99 |
| 53) 3-Nitroaniline | 9.792 | 138 | 86380 | 40.572 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 41309 | 39.088 | ng | # | 83 |
| 55) Dibenzofuran | 10.033 | 168 | 438944 | 39.513 | ng | | 95 |
| 56) 4-Nitrophenol | 9.975 | 139 | 57484 | 39.996 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 10.028 | 165 | 103635 | 39.719 | ng | | 93 |
| 58) Fluorene | 10.375 | 166 | 366872 | 41.622 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232 | 78689 | 38.094 | ng | | 99 |
| 60) Diethylphthalate | 10.251 | 149 | 369823 | 40.248 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204 | 176410 | 41.175 | ng | | 99 |
| 62) 4-Nitroaniline | 10.410 | 138 | 83865 | 40.861 | ng | | 92 |
| 63) Azobenzene | 10.528 | 77 | 333202 | 38.825 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198 | 55028 | 39.862 | ng | | 83 |
| 66) n-Nitrosodiphenylamine | 10.492 | 169 | 314891 | 40.243 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248 | 106976 | 39.989 | ng | | 98 |
| 68) Hexachlorobenzene | 10.928 | 284 | 120567 | 40.443 | ng | | 99 |
| 69) Atrazine | 11.022 | 200 | 79101 | 39.524 | ng | | 99 |
| 70) Pentachlorophenol | 11.128 | 266 | 45540 | 32.773 | ng | | 96 |
| 71) Phenanthrene | 11.345 | 178 | 503022 | 40.699 | ng | | 99 |
| 72) Anthracene | 11.398 | 178 | 511061 | 40.829 | ng | | 99 |
| 73) Carbazole | 11.557 | 167 | 479555 | 40.636 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.880 | 149 | 591807 | 41.097 | ng | | 99 |
| 75) Fluoranthene | 12.539 | 202 | 549968 | 41.600 | ng | | 97 |
| 77) Benzidine | 12.663 | 184 | 172294 | 41.855 | ng | | 99 |
| 78) Pyrene | 12.769 | 202 | 566726 | 41.352 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.386 | 149 | 218070 | 43.729 | ng | | 95 |
| 81) Benzo(a)anthracene | 13.968 | 228 | 407379 | 42.023 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.933 | 252 | 112104 | 40.719 | ng | | 99 |
| 83) Chrysene | 14.004 | 228 | 384699 | 40.580 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.951 | 149 | 294895 | 47.000 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.568 | 149 | 413069 | 42.560 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.998 | 276 | 332750 | 41.021 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.027 | 252 | 316830 | 42.222 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.057 | 252 | 280483 | 39.558 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.404 | 252 | 252984 | 39.940 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.009 | 278 | 272628 | 40.967 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 283463 | 41.588 | ng | | 98 |

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

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