Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137792.D
Acq On : 01 May 2024 15:21
Operator : CG\JU
Sample : P2306-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 15:54:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
MW-4-20240429MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.057 | 152 | 192854 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.345 | 136 | 775329 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 10.110 | 164 | 440209 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.604 | 188 | 767868 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.257 | 240 | 434720 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.827 | 264 | 441867 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.681 | 112 | 759154 | 65.907 | ng | 0.00 |
| 7) Phenol-d6 | 6.663 | 99 | 603393 | 41.299 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.622 | 82 | 1253138 | 93.902 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.904 | 330 | 624284 | 138.895 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.422 | 172 | 2426931 | 89.443 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.192 | 244 | 2681073 | 103.356 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.010 | 88 | 99984 | 19.276 | ng | 99 |
| 3) Pyridine | 3.769 | 79 | 240355 | 19.146 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.722 | 42 | 121766 | 21.540 | ng | 98 |
| 6) Aniline | 6.716 | 93 | 436413 | 30.137 | ng | 99 |
| 8) 2-Chlorophenol | 6.840 | 128 | 495773 | 39.495 | ng | 99 |
| 9) Benzaldehyde | 6.610 | 77 | 361380 | 45.931 | ng | 96 |
| 10) Phenol | 6.681 | 94 | 221945 | 14.825 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.787 | 93 | 535809 | 45.709 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.998 | 146 | 517928 | 36.589 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.075 | 146 | 527671 | 37.150 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.228 | 146 | 522059 | 39.024 | ng | 98 |
| 15) Benzyl Alcohol | 7.192 | 79 | 350694 | 34.710 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.322 | 45 | 720733 | 43.743 | ng | 99 |
| 17) 2-Methylphenol | 7.298 | 107 | 334519 | 33.026 | ng | 98 |
| 18) Hexachloroethane | 7.575 | 117 | 171598 | 35.737 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.463 | 70 | 413415 | 47.349 | ng | 98 |
| 20) 3+4-Methylphenols | 7.445 | 107 | 396144 | 29.727 | ng | 97 |
| 22) Acetophenone | 7.463 | 105 | 829393 | 47.564 | ng | 99 |
| 24) Nitrobenzene | 7.639 | 77 | 621489 | 45.185 | ng | 99 |
| 25) Isophorone | 7.875 | 82 | 1134267 | 47.141 | ng | 100 |
| 26) 2-Nitrophenol | 7.957 | 139 | 321111 | 51.555 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.981 | 122 | 400271 | 44.639 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 8.081 | 93 | 687066 | 47.161 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.192 | 162 | 488133 | 45.038 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.281 | 180 | 480382 | 40.658 | ng | 99 |
| 31) Naphthalene | 8.369 | 128 | 1657947 | 43.029 | ng | 100 |
| 32) Benzoic acid | 8.045 | 122 | 100256 | 12.960 | ng | 99 |
| 33) 4-Chloroaniline | 8.404 | 127 | 307361 | 21.512 | ng | 98 |
| 34) Hexachlorobutadiene | 8.475 | 225 | 265729 | 36.632 | ng | 98 |
| 35) Caprolactam | 8.775 | 113 | 32668m | 9.513 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.875 | 107 | 474309 | 41.965 | ng | 97 |
| 37) 2-Methylnaphthalene | 9.057 | 142 | 1131079 | 45.350 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.157 | 142 | 1064514 | 43.383 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.222 | 216 | 538568 | 46.193 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.210 | 237 | 542469 | 114.549 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.328 | 196 | 383381 | 48.306 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.369 | 196 | 410362 | 46.827 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.522 | 154 | 1415484 | 46.854 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.551 | 162 | 1106172 | 45.352 | ng | | 99 |
| 48) 2-Nitroaniline | 9.645 | 65 | 337172 | 50.971 | ng | | 92 |
| 49) Acenaphthylene | 9.969 | 152 | 1792383 | 50.800 | ng | | 99 |
| 50) Dimethylphthalate | 9.822 | 163 | 1347701 | 48.496 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.886 | 165 | 310009 | 48.814 | ng | | 88 |
| 52) Acenaphthene | 10.145 | 154 | 1198684 | 51.254 | ng | | 98 |
| 53) 3-Nitroaniline | 10.051 | 138 | 175871 | 26.444 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 10.163 | 184 | 329409 | 105.561 | ng | | 98 |
| 55) Dibenzofuran | 10.316 | 168 | 1613939 | 47.422 | ng | | 98 |
| 56) 4-Nitrophenol | 10.198 | 139 | 167221 | 30.337 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.292 | 165 | 420153 | 50.639 | ng | | 88 |
| 58) Fluorene | 10.657 | 166 | 1276828 | 47.140 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.428 | 232 | 349955 | 49.188 | ng | | 99 |
| 60) Diethylphthalate | 10.522 | 149 | 1252353 | 47.449 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.645 | 204 | 624011 | 46.757 | ng | | 98 |
| 62) 4-Nitroaniline | 10.675 | 138 | 269578 | 39.962 | ng | | 96 |
| 63) Azobenzene | 10.810 | 77 | 1213666 | 47.577 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.698 | 198 | 245294 | 55.656 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 10.769 | 169 | 1104983 | 48.074 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.139 | 248 | 397898 | 48.419 | ng | | 97 |
| 68) Hexachlorobenzene | 11.210 | 284 | 428274 | 47.689 | ng | # | 93 |
| 69) Atrazine | 11.292 | 200 | 364941 | 52.072 | ng | | 98 |
| 70) Pentachlorophenol | 11.398 | 266 | 555011 | 90.018 | ng | | 99 |
| 71) Phenanthrene | 11.627 | 178 | 1825482 | 48.774 | ng | | 99 |
| 72) Anthracene | 11.680 | 178 | 1857825 | 49.888 | ng | | 100 |
| 73) Carbazole | 11.833 | 167 | 1673346 | 46.625 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.151 | 149 | 1895007 | 48.404 | ng | | 100 |
| 75) Fluoranthene | 12.821 | 202 | 1846395 | 45.131 | ng | | 100 |
| 77) Benzidine | 12.939 | 184 | 220234 | 21.905 | ng | | 97 |
| 78) Pyrene | 13.057 | 202 | 1857374 | 53.887 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.663 | 149 | 657051 | 60.081 | ng | | 93 |
| 81) Benzo(a)anthracene | 14.245 | 228 | 1365380 | 49.107 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.198 | 252 | 257516 | 30.937 | ng | | 99 |
| 83) Chrysene | 14.280 | 228 | 1277130 | 49.056 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.210 | 149 | 874615 | 63.458 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.845 | 149 | 1280606 | 69.040 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.480 | 276 | 1389325 | 55.304 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.357 | 252 | 1220124 | 44.381 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.386 | 252 | 1213666 | 45.675 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.762 | 252 | 1132663 | 50.501 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.498 | 278 | 1100894 | 53.838 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.980 | 276 | 1095896 | 51.124 | ng | | 98 |

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

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