Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135940.D
Acq On : 25 Oct 2023 13:35
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 03:51:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:12:14 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.828 | 152 | 174615 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.104 | 136 | 679462 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 343421 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.351 | 188 | 636222 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.010 | 240 | 405550 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.492 | 264 | 388236 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.451 | 112 | 891092 | 78.802 | ng | 0.00 |
| 7) Phenol-d6 | 6.457 | 99 | 1116671 | 79.320 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 824244 | 79.104 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.657 | 330 | 267231 | 88.901 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 1709929 | 79.728 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.957 | 244 | 2051702 | 84.526 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.616 | 88 | 209242 | 39.834 | ng | 100 |
| 3) Pyridine | 3.369 | 79 | 578708 | 39.915 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.340 | 42 | 251281 | 39.748 | ng | 100 |
| 6) Aniline | 6.492 | 93 | 750491 | 39.591 | ng | 100 |
| 8) 2-Chlorophenol | 6.610 | 128 | 466148 | 39.820 | ng | 100 |
| 9) Benzaldehyde | 6.381 | 77 | 300536 | 39.464 | ng | 100 |
| 10) Phenol | 6.469 | 94 | 575385m | 39.093 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.569 | 93 | 450695 | 39.342 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.763 | 146 | 487526 | 39.208 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.845 | 146 | 493092 | 39.485 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 6.998 | 146 | 455152 | 39.249 | ng | 100 |
| 15) Benzyl Alcohol | 6.969 | 79 | 403223 | 40.517 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104 | 45 | 662249 | 39.254 | ng | 100 |
| 17) 2-Methylphenol | 7.075 | 107 | 408232 | 39.567 | ng | 100 |
| 18) Hexachloroethane | 7.334 | 117 | 168415 | 39.661 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.239 | 70 | 317229 | 39.626 | ng | 100 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 496790 | 39.895 | ng | 100 |
| 22) Acetophenone | 7.234 | 105 | 617027 | 40.207 | ng | 100 |
| 24) Nitrobenzene | 7.410 | 77 | 449839 | 40.409 | ng | 100 |
| 25) Isophorone | 7.645 | 82 | 874537 | 40.719 | ng | 100 |
| 26) 2-Nitrophenol | 7.722 | 139 | 142080 | 40.062 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.757 | 122 | 402429 | 41.112 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.857 | 93 | 535471 | 40.601 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.957 | 162 | 372865 | 42.539 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.045 | 180 | 401673 | 40.473 | ng | 100 |
| 31) Naphthalene | 8.128 | 128 | 1343175 | 40.888 | ng | 100 |
| 32) Benzoic acid | 7.869 | 122 | 164746m | 38.468 | ng | |
| 33) 4-Chloroaniline | 8.175 | 127 | 595138 | 40.989 | ng | 100 |
| 34) Hexachlorobutadiene | 8.245 | 225 | 225270 | 40.271 | ng | 100 |
| 35) Caprolactam | 8.551 | 113 | 127357 | 43.662 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.651 | 107 | 395374 | 42.445 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 889767 | 40.937 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.916 | 142 | 828740 | 40.806 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.980 | 216 | 391952 | 40.409 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 207179 | 43.318 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.092 | 196 | 242723 | 42.755 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.128 | 196 | 292071 | 43.331 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.286 | 154 | 1056553 | 40.602 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.310 | 162 | 790034 | 41.046 | ng | 100 |
| 48) 2-Nitroaniline | 9.404 | 65 | 204768 | 40.650 | ng | 100 |
| 49) Acenaphthylene | 9.727 | 152 | 1257300 | 41.406 | ng | 100 |
| 50) Dimethylphthalate | 9.592 | 163 | 915321 | 41.100 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 182446 | 40.375 | ng | 100 |
| 52) Acenaphthene | 9.898 | 154 | 798156 | 41.015 | ng | 100 |
| 53) 3-Nitroaniline | 9.816 | 138 | 216678 | 40.054 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.916 | 184 | 39309 | 40.241 | ng | 100 |
| 55) Dibenzofuran | 10.069 | 168 | 1161468 | 41.314 | ng | 100 |
| 56) 4-Nitrophenol | 9.969 | 139 | 165540 | 40.182 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.051 | 165 | 218120 | 39.360 | ng | 100 |
| 58) Fluorene | 10.416 | 166 | 858822 | 40.833 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232 | 223136 | 43.993 | ng | 100 |
| 60) Diethylphthalate | 10.292 | 149 | 890692 | 41.940 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204 | 411904 | 40.599 | ng | 100 |
| 62) 4-Nitroaniline | 10.433 | 138 | 213831 | 39.953 | ng | 100 |
| 63) Azobenzene | 10.569 | 77 | 888073 | 41.206 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 74239 | 40.010 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.527 | 169 | 791999 | 41.206 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248 | 272833 | 41.874 | ng | 100 |
| 68) Hexachlorobenzene | 10.957 | 284 | 287313 | 41.279 | ng | 100 |
| 69) Atrazine | 11.057 | 200 | 216830 | 41.383 | ng | 100 |
| 70) Pentachlorophenol | 11.151 | 266 | 169202 | 40.542 | ng | 100 |
| 71) Phenanthrene | 11.380 | 178 | 1336767 | 41.530 | ng | 100 |
| 72) Anthracene | 11.433 | 178 | 1380601 | 41.889 | ng | 100 |
| 73) Carbazole | 11.586 | 167 | 1232719 | 41.929 | ng | 100 |
| 74) Di-n-butylphthalate | 11.927 | 149 | 1339240 | 42.807 | ng | 100 |
| 75) Fluoranthene | 12.574 | 202 | 1411158 | 41.672 | ng | 100 |
| 77) Benzidine | 12.698 | 184 | 391794 | 50.102 | ng | 100 |
| 78) Pyrene | 12.804 | 202 | 1442670 | 42.367 | ng | 100 |
| 80) Butylbenzylphthalate | 13.439 | 149 | 512423 | 40.471 | ng | 100 |
| 81) Benzo(a)anthracene | 13.998 | 228 | 1150704 | 41.730 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.963 | 252 | 353816 | 42.174 | ng | 100 |
| 83) Chrysene | 14.033 | 228 | 1124143 | 41.857 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149 | 613791 | 43.835 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.621 | 149 | 920430 | 41.728 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.992 | 276 | 980377 | 44.534 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.057 | 252 | 923172 | 39.956 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.086 | 252 | 916031 | 40.368 | ng | 100 |
| 90) Benzo(a)pyrene | 15.427 | 252 | 869653 | 40.840 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.021 | 278 | 805494 | 42.777 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.456 | 276 | 813915 | 38.798 | ng | 100 |

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

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