Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140974.D
Acq On : 26 Dec 2024 18:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:22:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.828 | 152 | 264114 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.110 | 136 | 1047016 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 555398 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.345 | 188 | 980435 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.986 | 240 | 652144 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.445 | 264 | 531798 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 1365623 | 77.940 | ng | 0.00 |
| 7) Phenol-d6 | 6.451 | 99 | 1760717 | 78.007 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 1367946 | 83.588 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 435705 | 80.733 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 2610026 | 74.872 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.933 | 244 | 2976692 | 75.816 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.552 | 88 | 315557 | 39.780 | ng | 100 |
| 3) Pyridine | 3.293 | 79 | 759262 | 39.166 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.240 | 42 | 393459 | 40.058 | ng | 100 |
| 6) Aniline | 6.510 | 93 | 853180m | 42.382 | ng | |
| 8) 2-Chlorophenol | 6.610 | 128 | 732249 | 39.639 | ng | 100 |
| 9) Benzaldehyde | 6.375 | 77 | 454816 | 41.536 | ng | 100 |
| 10) Phenol | 6.463 | 94 | 921228 | 39.471 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.563 | 93 | 719951 | 38.239 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.769 | 146 | 800536 | 39.267 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.845 | 146 | 801219 | 38.985 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 6.998 | 146 | 748204 | 39.046 | ng | 100 |
| 15) Benzyl Alcohol | 6.969 | 79 | 647599 | 39.926 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110 | 45 | 1115398 | 39.138 | ng | 100 |
| 17) 2-Methylphenol | 7.075 | 107 | 608223 | 39.632 | ng | 100 |
| 18) Hexachloroethane | 7.345 | 117 | 287289 | 39.351 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.245 | 70 | 532284 | 38.493 | ng | 100 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 766762 | 39.481 | ng | 100 |
| 22) Acetophenone | 7.240 | 105 | 983828 | 38.304 | ng | 100 |
| 24) Nitrobenzene | 7.410 | 77 | 767486 | 41.970 | ng | 100 |
| 25) Isophorone | 7.651 | 82 | 1374822 | 38.606 | ng | 100 |
| 26) 2-Nitrophenol | 7.728 | 139 | 266201 | 36.900 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.757 | 122 | 505676 | 38.853 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.863 | 93 | 869568 | 38.540 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.963 | 162 | 582167 | 39.440 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.051 | 180 | 654033 | 39.147 | ng | 100 |
| 31) Naphthalene | 8.134 | 128 | 2136130 | 38.718 | ng | 100 |
| 32) Benzoic acid | 7.863 | 122 | 372684 | 36.912 | ng | 100 |
| 33) 4-Chloroaniline | 8.181 | 127 | 768068 | 38.482 | ng | 100 |
| 34) Hexachlorobutadiene | 8.251 | 225 | 380095 | 38.591 | ng | 100 |
| 35) Caprolactam | 8.545 | 113 | 197606m | 39.375 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.651 | 107 | 646441 | 39.434 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 1343941 | 38.077 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.922 | 142 | 1330393 | 38.354 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 594643 | 38.917 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 207209 | 40.922 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.092 | 196 | 404147 | 39.741 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.128 | 196 | 422062 | 40.562 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.286 | 154 | 1643157 | 38.638 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.310 | 162 | 1266026 | 38.385 | ng | 100 |
| 48) 2-Nitroaniline | 9.398 | 65 | 319958 | 38.138 | ng | 100 |
| 49) Acenaphthylene | 9.722 | 152 | 1837752 | 38.706 | ng | 100 |
| 50) Dimethylphthalate | 9.586 | 163 | 1427475 | 39.074 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 283992 | 38.871 | ng | 100 |
| 52) Acenaphthene | 9.898 | 154 | 1243394 | 38.737 | ng | 100 |
| 53) 3-Nitroaniline | 9.810 | 138 | 312579 | 39.221 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.910 | 184 | 79893 | 37.853 | ng | 100 |
| 55) Dibenzofuran | 10.069 | 168 | 1738272 | 38.535 | ng | 100 |
| 56) 4-Nitrophenol | 9.957 | 139 | 254611 | 40.744 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.045 | 165 | 344129 | 38.708 | ng | 100 |
| 58) Fluorene | 10.410 | 166 | 1323793 | 37.844 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.181 | 232 | 348605 | 40.453 | ng | 100 |
| 60) Diethylphthalate | 10.286 | 149 | 1406132 | 38.988 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204 | 642732 | 38.186 | ng | 100 |
| 62) 4-Nitroaniline | 10.422 | 138 | 309322 | 38.897 | ng | 100 |
| 63) Azobenzene | 10.563 | 77 | 1465453 | 38.712 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198 | 130378 | 36.204 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.522 | 169 | 1187207 | 38.454 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248 | 416835 | 39.329 | ng | 100 |
| 68) Hexachlorobenzene | 10.957 | 284 | 454182 | 38.863 | ng | 100 |
| 69) Atrazine | 11.045 | 200 | 306702 | 35.559 | ng | 100 |
| 70) Pentachlorophenol | 11.145 | 266 | 304066 | 41.789 | ng | 100 |
| 71) Phenanthrene | 11.375 | 178 | 1970080 | 38.179 | ng | 100 |
| 72) Anthracene | 11.422 | 178 | 1943496 | 38.437 | ng | 100 |
| 73) Carbazole | 11.575 | 167 | 1856207 | 38.188 | ng | 100 |
| 74) Di-n-butylphthalate | 11.916 | 149 | 2124340 | 38.425 | ng | 100 |
| 75) Fluoranthene | 12.557 | 202 | 2140117 | 38.240 | ng | 100 |
| 77) Benzidine | 12.680 | 184 | 540933 | 39.248 | ng | 100 |
| 78) Pyrene | 12.786 | 202 | 2206885 | 38.693 | ng | 100 |
| 80) Butylbenzylphthalate | 13.416 | 149 | 856154 | 41.109 | ng | 100 |
| 81) Benzo(a)anthracene | 13.974 | 228 | 1786080 | 39.297 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.939 | 252 | 524994 | 38.446 | ng | 100 |
| 83) Chrysene | 14.016 | 228 | 1574996 | 38.441 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149 | 1069992 | 39.607 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.592 | 149 | 1563317 | 39.982 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.898 | 276 | 1394102 | 41.609 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.021 | 252 | 1506798 | 40.626 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.051 | 252 | 1133027 | 38.976 | ng | 100 |
| 90) Benzo(a)pyrene | 15.386 | 252 | 1136531 | 39.479 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.915 | 278 | 1137962 | 41.900 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.333 | 276 | 1197853 | 42.524 | ng | 100 |

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

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