Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138485.D
Acq On : 09 Jul 2024 13:58
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 16:44:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 92882 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 373477 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 213861 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 373896 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.021 | 240 | 205458 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.486 | 264 | 155505 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 251229 | 42.838 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 335824 | 43.045 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 317575 | 41.749 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 82981 | 41.517 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 576159 | 42.106 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.969 | 244 | 526211 | 41.724 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.634 | 88 | 54045 | 20.807 | ng | 99 |
| 3) Pyridine | 3.387 | 79 | 137444 | 21.457 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 86710 | 20.795 | ng | 97 |
| 6) Aniline | 6.528 | 93 | 158980 | 21.756 | ng | 98 |
| 8) 2-Chlorophenol | 6.651 | 128 | 135202 | 21.802 | ng | 96 |
| 9) Benzaldehyde | 6.416 | 77 | 96882 | 23.200 | ng | 96 |
| 10) Phenol | 6.510 | 94 | 176609 | 21.327 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 130592 | 20.945 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 149552 | 21.455 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 151499 | 21.403 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 141318 | 21.436 | ng | 98 |
| 15) Benzyl Alcohol | 7.004 | 79 | 126748 | 21.648 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 260967 | 21.284 | ng | 100 |
| 17) 2-Methylphenol | 7.122 | 107 | 108729 | 21.394 | ng | 97 |
| 18) Hexachloroethane | 7.375 | 117 | 55725 | 21.414 | ng | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 101183 | 20.989 | ng | 99 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 138230 | 21.599 | ng | 96 |
| 22) Acetophenone | 7.275 | 105 | 189992 | 20.946 | ng | 99 |
| 24) Nitrobenzene | 7.445 | 77 | 161386 | 20.877 | ng | 98 |
| 25) Isophorone | 7.681 | 82 | 273765 | 20.957 | ng | 99 |
| 26) 2-Nitrophenol | 7.763 | 139 | 69886 | 21.093 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 84454 | 20.740 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 163618 | 20.958 | ng | 98 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 112657 | 21.304 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.087 | 180 | 129771 | 21.066 | ng | 98 |
| 31) Naphthalene | 8.169 | 128 | 411185 | 21.169 | ng | 99 |
| 32) Benzoic acid | 7.904 | 122 | 75080 | 19.426 | ng | 91 |
| 33) 4-Chloroaniline | 8.216 | 127 | 142763 | 20.948 | ng | 99 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 80106 | 21.118 | ng | 99 |
| 35) Caprolactam | 8.575 | 113 | 35495 | 20.791 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.698 | 107 | 124743 | 21.071 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 265136 | 21.211 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 257053 | 21.071 | ng | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 9.022 | 216 | 124114 | 20.823 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 37205 | 19.231 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 78074 | 20.535 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.181 | 196 | 87391 | 20.898 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 342596 | 21.138 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 251995 | 20.581 | ng | | 96 |
| 48) 2-Nitroaniline | 9.445 | 65 | 86906 | 20.483 | ng | | 100 |
| 49) Acenaphthylene | 9.763 | 152 | 360589 | 20.743 | ng | | 100 |
| 50) Dimethylphthalate | 9.622 | 163 | 285807 | 20.668 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 66025 | 20.736 | ng | | 96 |
| 52) Acenaphthene | 9.933 | 154 | 239680m | 20.742 | ng | | |
| 53) 3-Nitroaniline | 9.851 | 138 | 66595 | 20.407 | ng | | 86 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 26890 | 19.486 | ng | | 88 |
| 55) Dibenzofuran | 10.104 | 168 | 350587 | 20.918 | ng | | 99 |
| 56) 4-Nitrophenol | 10.016 | 139 | 48815 | 20.273 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.086 | 165 | 87624 | 21.270 | ng | | 98 |
| 58) Fluorene | 10.451 | 166 | 282152 | 21.276 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 70434 | 21.342 | ng | | 98 |
| 60) Diethylphthalate | 10.322 | 149 | 278265 | 20.873 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 141504 | 21.249 | ng | | 94 |
| 62) 4-Nitroaniline | 10.463 | 138 | 67210 | 20.552 | ng | | 99 |
| 63) Azobenzene | 10.598 | 77 | 301441 | 21.031 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 44253 | 20.498 | ng | | 79 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 235128 | 20.989 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 81587 | 21.230 | ng | | 94 |
| 68) Hexachlorobenzene | 10.998 | 284 | 89322 | 20.922 | ng | # | 91 |
| 69) Atrazine | 11.086 | 200 | 79211 | 21.327 | ng | | 98 |
| 70) Pentachlorophenol | 11.192 | 266 | 52963 | 20.965 | ng | | 96 |
| 71) Phenanthrene | 11.410 | 178 | 395754 | 20.951 | ng | | 100 |
| 72) Anthracene | 11.463 | 178 | 400544 | 21.361 | ng | | 100 |
| 73) Carbazole | 11.616 | 167 | 361885 | 21.476 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 414554 | 21.343 | ng | | 99 |
| 75) Fluoranthene | 12.598 | 202 | 416498 | 21.608 | ng | | 98 |
| 77) Benzidine | 12.722 | 184 | 128455 | 24.781 | ng | | 99 |
| 78) Pyrene | 12.827 | 202 | 423389 | 20.300 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.445 | 149 | 128542 | 20.488 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.010 | 228 | 288488 | 20.926 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.974 | 252 | 74394 | 20.942 | ng | | 97 |
| 83) Chrysene | 14.051 | 228 | 272033 | 20.858 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149 | 132309 | 19.773 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.610 | 149 | 188753 | 17.856 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 224254 | 21.469 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.057 | 252 | 186103 | 21.251 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.086 | 252 | 185536 | 21.723 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.421 | 252 | 160752 | 20.895 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.968 | 278 | 183478 | 21.474 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.398 | 276 | 196300 | 21.666 | ng | | 99 |

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

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