Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139349.D
Acq On : 13 Sep 2024 16:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 14 02:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 52723 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.163 | 136 | 182509 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 98703 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 194097 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 109489 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 106513 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 256515 | 81.391 | ng | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 337081 | 80.116 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 321670 | 91.690 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.698 | 330 | 90543 | 106.232 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.234 | 172 | 588478 | 92.034 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 590790 | 87.121 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.658 | 88 | 52091 | 35.492 | ng | 100 |
| 3) Pyridine | 3.410 | 79 | 115745 | 32.671 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.369 | 42 | 99237 | 43.135 | ng | 100 |
| 6) Aniline | 6.569 | 93 | 125942m | 32.552 | ng | |
| 8) 2-Chlorophenol | 6.663 | 128 | 130959 | 40.094 | ng | 100 |
| 9) Benzaldehyde | 6.428 | 77 | 87815 | 34.480 | ng | 100 |
| 10) Phenol | 6.522 | 94 | 169642 | 38.225 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 119505 | 37.587 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 149106 | 40.331 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 150962 | 40.796 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 141725 | 41.065 | ng | 100 |
| 15) Benzyl Alcohol | 7.016 | 79 | 135194 | 44.061 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 196996 | 32.548 | ng | 100 |
| 17) 2-Methylphenol | 7.128 | 107 | 104016 | 38.985 | ng | 100 |
| 18) Hexachloroethane | 7.393 | 117 | 57283 | 43.342 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.293 | 70 | 99024 | 40.865 | ng | 100 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 142417 | 42.353 | ng | 100 |
| 22) Acetophenone | 7.287 | 105 | 196581 | 45.212 | ng | 100 |
| 24) Nitrobenzene | 7.463 | 77 | 165350 | 44.406 | ng | 100 |
| 25) Isophorone | 7.698 | 82 | 250157 | 41.707 | ng | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 66347 | 45.366 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 85952 | 41.208 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 141226 | 39.520 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 107629 | 43.097 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 124438 | 43.628 | ng | 100 |
| 31) Naphthalene | 8.181 | 128 | 390544 | 42.255 | ng | 100 |
| 32) Benzoic acid | 7.922 | 122 | 80333 | 42.284 | ng | 100 |
| 33) 4-Chloroaniline | 8.234 | 127 | 123133 | 38.476 | ng | 100 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 84620 | 46.820 | ng | 100 |
| 35) Caprolactam | 8.598 | 113 | 34107 | 44.115 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 124337 | 45.688 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 248380 | 42.953 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 241525 | 42.469 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.034 | 216 | 122103 | 43.724 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 45137 | 50.294 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.145 | 196 | 83204 | 45.538 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.187 | 196 | 85716 | 44.767 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.334 | 154 | 318340 | 43.531 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 239859 | 43.438 | ng | 100 |
| 48) 2-Nitroaniline | 9.457 | 65 | 89926 | 47.281 | ng | 100 |
| 49) Acenaphthylene | 9.775 | 152 | 358182 | 43.067 | ng | 100 |
| 50) Dimethylphthalate | 9.634 | 163 | 272789 | 45.599 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 61729 | 45.483 | ng | 100 |
| 52) Acenaphthene | 9.945 | 154 | 254549 | 46.146 | ng | 100 |
| 53) 3-Nitroaniline | 9.863 | 138 | 62889 | 43.492 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 35233 | 60.625 | ng | 100 |
| 55) Dibenzofuran | 10.116 | 168 | 351419 | 44.435 | ng | 100 |
| 56) 4-Nitrophenol | 10.016 | 139 | 52194 | 48.904 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.098 | 165 | 85730 | 49.629 | ng | 100 |
| 58) Fluorene | 10.463 | 166 | 290609 | 47.395 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.234 | 232 | 70914 | 47.051 | ng | 100 |
| 60) Diethylphthalate | 10.334 | 149 | 284254 | 48.283 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 139089 | 47.037 | ng | 100 |
| 62) 4-Nitroaniline | 10.481 | 138 | 68663 | 49.885 | ng | 100 |
| 63) Azobenzene | 10.610 | 77 | 280849 | 45.262 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 45281 | 50.489 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.569 | 169 | 233278 | 41.289 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 80176 | 42.574 | ng | 100 |
| 68) Hexachlorobenzene | 11.004 | 284 | 94276 | 43.730 | ng | 100 |
| 69) Atrazine | 11.092 | 200 | 47081 | 36.119 | ng | 100 |
| 70) Pentachlorophenol | 11.198 | 266 | 58297 | 46.813 | ng | 100 |
| 71) Phenanthrene | 11.422 | 178 | 389660 | 42.974 | ng | 100 |
| 72) Anthracene | 11.475 | 178 | 383110 | 43.252 | ng | 100 |
| 73) Carbazole | 11.628 | 167 | 367107 | 44.344 | ng | 100 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 417404 | 49.242 | ng | 100 |
| 75) Fluoranthene | 12.610 | 202 | 421114 | 46.325 | ng | 100 |
| 77) Benzidine | 12.727 | 184 | 84080 | 38.138 | ng | 100 |
| 78) Pyrene | 12.833 | 202 | 421208 | 39.824 | ng | 100 |
| 80) Butylbenzylphthalate | 13.451 | 149 | 137311 | 55.148 | ng | 100 |
| 81) Benzo(a)anthracene | 14.022 | 228 | 297337 | 42.529 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.986 | 252 | 81918 | 44.120 | ng | 100 |
| 83) Chrysene | 14.057 | 228 | 270196 | 41.408 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149 | 167358 | 57.267 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.621 | 149 | 247331 | 44.204 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.968 | 276 | 290402 | 43.643 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.069 | 252 | 261127 | 42.570 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.098 | 252 | 253691 | 46.126 | ng | 100 |
| 90) Benzo(a)pyrene | 15.433 | 252 | 229237 | 44.011 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 233814 | 42.639 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.415 | 276 | 235706 | 41.642 | ng | 100 |

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

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