Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140288.D
Acq On : 08 Nov 2024 10:28
Operator : RC/JU
Sample : PB164750BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 11:05:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB164750BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 195639 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 765547 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 473510 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 882492 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 554441 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.562 | 264 | 455207 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 1350884 | 114.430 | ng | 0.02 |
| 7) Phenol-d6 | 6.510 | 99 | 1707980 | 112.481 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 1176601 | 76.414 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 676037 | 144.440 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 2226512 | 75.084 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 2859948 | 84.499 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.751 | 88 | 162998 | 30.032 | ng | 96 |
| 3) Pyridine | 3.498 | 79 | 445970 | 33.675 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.457 | 42 | 274935 | 35.958 | ng | 90 |
| 6) Aniline | 6.539 | 93 | 648715 | 47.287 | ng | 92 |
| 8) 2-Chlorophenol | 6.663 | 128 | 528701 | 42.803 | ng | 95 |
| 9) Benzaldehyde | 6.428 | 77 | 67892 | 7.258 | ng | 94 |
| 10) Phenol | 6.528 | 94 | 668118 | 41.429 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 503595 | 41.107 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 559655 | 38.664 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 567610 | 38.881 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 546411 | 40.074 | ng | 99 |
| 15) Benzyl Alcohol | 7.016 | 79 | 499648 | 42.685 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 782413 | 39.455 | ng | 98 |
| 17) 2-Methylphenol | 7.128 | 107 | 434126 | 42.132 | ng | 99 |
| 18) Hexachloroethane | 7.392 | 117 | 212125 | 39.008 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 393754 | 40.647 | ng | 96 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 533406 | 41.218 | ng | 97 |
| 22) Acetophenone | 7.286 | 105 | 719910 | 37.929 | ng | 97 |
| 24) Nitrobenzene | 7.463 | 77 | 589350 | 36.477 | ng | 96 |
| 25) Isophorone | 7.698 | 82 | 1076954 | 40.620 | ng | 99 |
| 26) 2-Nitrophenol | 7.775 | 139 | 281854 | 43.855 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 436796 | 49.957 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 630073 | 39.712 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 459059 | 42.440 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 490581 | 37.849 | ng | 99 |
| 31) Naphthalene | 8.181 | 128 | 1536642 | 38.871 | ng | 100 |
| 32) Benzoic acid | 7.939 | 122 | 318810 | 44.431 | ng | 96 |
| 33) 4-Chloroaniline | 8.228 | 127 | 515740 | 39.629 | ng | 97 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 337982 | 38.524 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 131452m | 39.949 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 518752 | 43.075 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 1051398 | 40.752 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 974624 | 38.541 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 528119 | 38.098 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.028 | 237 | 641602 | 165.176 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 369763 | 43.045 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 371986 | 41.185 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 1294320 | 37.817 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 970176 | 37.662 | ng | 100 |
| 48) 2-Nitroaniline | 9.463 | 65 | 345821 | 40.142 | ng | 92 |
| 49) Acenaphthylene | 9.780 | 152 | 1541359 | 42.263 | ng | 99 |
| 50) Dimethylphthalate | 9.645 | 163 | 1234962 | 42.349 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 282787 | 41.254 | ng | 96 |
| 52) Acenaphthene | 9.957 | 154 | 1173915 | 45.381 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 239845 | 37.159 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 324620 | 95.234 | ng | 87 |
| 55) Dibenzofuran | 10.127 | 168 | 1452145 | 40.145 | ng | 98 |
| 56) 4-Nitrophenol | 10.039 | 139 | 426153 | 93.901 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 380332 | 42.757 | ng | 97 |
| 58) Fluorene | 10.475 | 166 | 1149420 | 39.919 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 350955 | 47.432 | ng | 95 |
| 60) Diethylphthalate | 10.351 | 149 | 1226888 | 42.337 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204 | 585618 | 40.355 | ng | 96 |
| 62) 4-Nitroaniline | 10.498 | 138 | 286478 | 44.663 | ng | 95 |
| 63) Azobenzene | 10.622 | 77 | 1209988 | 40.279 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 233285 | 50.332 | ng | 91 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 1025499 | 40.403 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 399731 | 42.064 | ng | 96 |
| 68) Hexachlorobenzene | 11.022 | 284 | 447314 | 41.295 | ng | 95 |
| 69) Atrazine | 11.110 | 200 | 332139 | 47.829 | ng | 98 |
| 70) Pentachlorophenol | 11.216 | 266 | 541719 | 93.134 | ng | 98 |
| 71) Phenanthrene | 11.439 | 178 | 1745451 | 41.444 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 1767910 | 42.809 | ng | 100 |
| 73) Carbazole | 11.645 | 167 | 1547770 | 41.017 | ng | 100 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 1902404 | 42.591 | ng | 99 |
| 75) Fluoranthene | 12.627 | 202 | 1842695 | 41.844 | ng | 100 |
| 77) Benzidine | 12.745 | 184 | 485628 | 44.798 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 1874116 | 40.939 | ng | 100 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 750677 | 45.539 | ng | 94 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 1497295 | 42.081 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.015 | 252 | 449354 | 40.215 | ng | 99 |
| 83) Chrysene | 14.092 | 228 | 1402669 | 42.096 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 1033489 | 44.733 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.662 | 149 | 1560464 | 44.874 | ng | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.080 | 276 | 1169241 | 43.758 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.121 | 252 | 1214774 | 44.118 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.157 | 252 | 1073254 | 42.478 | ng | 99 |
| 90) Benzo(a)pyrene | 15.498 | 252 | 1045593 | 46.058 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.098 | 278 | 946410 | 43.051 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.539 | 276 | 875549 | 39.042 | ng | 99 |

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

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