Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
Data File : BF132493.D
Acq On : 21 Feb 2023 13:19
Operator : CG\JU
Sample : PB150926BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 00:49:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 21 16:43:07 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB150926BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

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02/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.019 | 152 | 268587 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.307 | 136 | 1021566 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.077 | 164 | 573952 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.571 | 188 | 1061059 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.230 | 240 | 596941 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.789 | 264 | 471770 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.654 | 112 | 1366713 | 81.537 | ng | | 0.01 |
| 7) Phenol-d6 | 6.654 | 99 | 1775596 | 81.125 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.595 | 82 | 1707278 | 80.302 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.872 | 330 | 486070 | 84.880 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.389 | 172 | 2591838 | 69.737 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.166 | 244 | 3045072 | 92.902 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.984 | 88 | 264401 | 29.159 | ng | | 97 |
| 3) Pyridine | 3.737 | 79 | 669593 | 27.204 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.707 | 42 | 365421 | 37.602 | ng | | 97 |
| 6) Aniline | 6.684 | 93 | 1022008 | 33.518 | ng | | 98 |
| 8) 2-Chlorophenol | 6.807 | 128 | 749703 | 43.812 | ng | | 96 |
| 9) Benzaldehyde | 6.572 | 77 | 197883 | 16.910 | ng | | 98 |
| 10) Phenol | 6.666 | 94 | 940440m | 40.545 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.754 | 93 | 835141 | 42.447 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.966 | 146 | 732019 | 39.269 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.042 | 146 | 737149 | 39.641 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.189 | 146 | 726086 | 42.619 | ng | | 97 |
| 15) Benzyl Alcohol | 7.166 | 79 | 730419 | 45.117 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.295 | 45 | 1096976 | 40.100 | ng | | 96 |
| 17) 2-Methylphenol | 7.272 | 107 | 637351 | 39.126 | ng | | 100 |
| 18) Hexachloroethane | 7.536 | 117 | 297886 | 42.426 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.442 | 70 | 551211 | 41.080 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.425 | 107 | 736228 | 36.605 | ng | # | 77 |
| 22) Acetophenone | 7.436 | 105 | 1007324 | 38.047 | ng | | 100 |
| 24) Nitrobenzene | 7.613 | 77 | 892874 | 38.304 | ng | | 99 |
| 25) Isophorone | 7.848 | 82 | 1696978 | 40.620 | ng | | 99 |
| 26) 2-Nitrophenol | 7.925 | 139 | 405826 | 44.786 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.954 | 122 | 661852 | 40.454 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 8.048 | 93 | 978158 | 40.065 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.166 | 162 | 626186 | 40.570 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.248 | 180 | 690684 | 40.237 | ng | | 98 |
| 31) Naphthalene | 8.336 | 128 | 1932792 | 36.457 | ng | | 100 |
| 32) Benzoic acid | 8.101 | 122 | 536875 | 45.822 | ng | | 97 |
| 33) 4-Chloroaniline | 8.378 | 127 | 484741 | 22.007 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.442 | 225 | 447990 | 41.339 | ng | | 99 |
| 35) Caprolactam | 8.772 | 113 | 242804m | 48.456 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.860 | 107 | 698406 | 40.440 | ng | | 99 |
| 37) 2-Methylnaphthalene | 9.025 | 142 | 1319181 | 36.973 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.125 | 142 | 1242583 | 37.069 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.189 | 216 | 692849 | 37.255 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.178 | 237 | 831157 | 81.369 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.301 | 196 | 494816 | 40.389 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.354 | 196 | 521692 | 36.560 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.489 | 154 | 1603012 | 36.085 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.519 | 162 | 1291939 | 37.053 | ng | | 99 |
| 48) 2-Nitroaniline | 9.613 | 65 | 470161 | 38.432 | ng | | 97 |
| 49) Acenaphthylene | 9.936 | 152 | 1945048 | 35.110 | ng | | 99 |
| 50) Dimethylphthalate | 9.795 | 163 | 1590741 | 37.636 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.860 | 165 | 361839 | 39.366 | ng | | 88 |
| 52) Acenaphthene | 10.113 | 154 | 1435517m | 41.639 | ng | | |
| 53) 3-Nitroaniline | 10.030 | 138 | 310433 | 29.415 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 10.136 | 184 | 461154 | 80.744 | ng | # | 90 |
| 55) Dibenzofuran | 10.283 | 168 | 1782718 | 34.852 | ng | | 98 |
| 56) 4-Nitrophenol | 10.195 | 139 | 573928 | 74.960 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.266 | 165 | 482742 | 39.896 | ng | | 100 |
| 58) Fluorene | 10.630 | 166 | 1407251 | 36.389 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.401 | 232 | 435474 | 40.380 | ng | | 97 |
| 60) Diethylphthalate | 10.495 | 149 | 1524869 | 36.700 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.613 | 204 | 736553 | 36.370 | ng | | 99 |
| 62) 4-Nitroaniline | 10.654 | 138 | 376438 | 38.226 | ng | | 98 |
| 63) Azobenzene | 10.777 | 77 | 1626484 | 35.380 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.677 | 198 | 291389 | 44.172 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.736 | 169 | 1262324 | 38.761 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.107 | 248 | 474710 | 40.820 | ng | | 97 |
| 68) Hexachlorobenzene | 11.177 | 284 | 517899 | 42.604 | ng | | 98 |
| 69) Atrazine | 11.266 | 200 | 442601 | 44.154 | ng | | 100 |
| 70) Pentachlorophenol | 11.377 | 266 | 566584 | 74.968 | ng | | 99 |
| 71) Phenanthrene | 11.601 | 178 | 2034456 | 37.228 | ng | | 99 |
| 72) Anthracene | 11.654 | 178 | 2052966 | 36.543 | ng | | 99 |
| 73) Carbazole | 11.807 | 167 | 1871944 | 37.017 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.119 | 149 | 2327993 | 38.649 | ng | | 99 |
| 75) Fluoranthene | 12.795 | 202 | 2191113 | 35.952 | ng | | 99 |
| 77) Benzidine | 12.907 | 184 | 463456 | 36.461 | ng | | 98 |
| 78) Pyrene | 13.030 | 202 | 2199257 | 43.369 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.630 | 149 | 868238 | 45.884 | ng | | 100 |
| 81) Benzo(a)anthracene | 14.218 | 228 | 1680318 | 38.433 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.177 | 252 | 436957 | 37.417 | ng | | 97 |
| 83) Chrysene | 14.260 | 228 | 1548635 | 37.073 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.189 | 149 | 1033652 | 42.198 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 14.818 | 149 | 1565460 | 44.012 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.418 | 276 | 1537205 | 50.973 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.324 | 252 | 1406075 | 45.322 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.359 | 252 | 1217097 | 39.203 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.724 | 252 | 1175399 | 40.768 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.436 | 278 | 1296605 | 52.201 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.918 | 276 | 1337743 | 52.443 | ng | | 98 |

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

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