Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135185.D
Acq On : 12 Sep 2023 17:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 13 02:39:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.763 | 152 | 107423 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.045 | 136 | 447969 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.804 | 164 | 224882 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.292 | 188 | 432893 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.945 | 240 | 248182 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.404 | 264 | 205742 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.387 | 112 | 520867 | 78.862 | ng | 0.00 |
| 7) Phenol-d6 | 6.404 | 99 | 662728 | 78.912 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.334 | 82 | 630352 | 76.449 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.598 | 330 | 179512 | 80.326 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.122 | 172 | 1145088 | 76.823 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.892 | 244 | 1196637 | 74.744 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.469 | 88 | 115402 | 39.857 | ng | 99 |
| 3) Pyridine | 3.216 | 79 | 316690 | 40.640 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.187 | 42 | 167322 | 40.463 | ng | 98 |
| 6) Aniline | 6.434 | 93 | 432109 | 39.236 | ng | 98 |
| 8) 2-Chlorophenol | 6.551 | 128 | 280492 | 39.783 | ng | 99 |
| 9) Benzaldehyde | 6.322 | 77 | 182502 | 38.146 | ng | 99 |
| 10) Phenol | 6.422 | 94 | 364264 | 39.555 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.510 | 93 | 272682 | 39.474 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.704 | 146 | 282425 | 39.415 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.781 | 146 | 287577 | 39.447 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.934 | 146 | 265592 | 39.230 | ng | 98 |
| 15) Benzyl Alcohol | 6.910 | 79 | 242286 | 40.203 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.039 | 45 | 519004 | 39.860 | ng | 99 |
| 17) 2-Methylphenol | 7.022 | 107 | 248711 | 39.973 | ng | 99 |
| 18) Hexachloroethane | 7.269 | 117 | 108309 | 40.209 | ng | 91 |
| 19) n-Nitroso-di-n-propyla... | 7.186 | 70 | 201378 | 38.712 | ng | 98 |
| 20) 3+4-Methylphenols | 7.175 | 107 | 291109 | 38.910 | ng | 94 |
| 22) Acetophenone | 7.181 | 105 | 381923 | 37.291 | ng | 97 |
| 24) Nitrobenzene | 7.351 | 77 | 318068 | 39.028 | ng | 98 |
| 25) Isophorone | 7.586 | 82 | 574967 | 37.975 | ng | 98 |
| 26) 2-Nitrophenol | 7.663 | 139 | 156619 | 40.041 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.704 | 122 | 251920 | 38.317 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.798 | 93 | 356010 | 39.285 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.904 | 162 | 239351 | 39.288 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.986 | 180 | 246973 | 38.785 | ng | 100 |
| 31) Naphthalene | 8.069 | 128 | 856426 | 39.348 | ng | 99 |
| 32) Benzoic acid | 7.833 | 122 | 209471m | 42.311 | ng | |
| 33) 4-Chloroaniline | 8.122 | 127 | 376569 | 39.434 | ng | 98 |
| 34) Hexachlorobutadiene | 8.181 | 225 | 150723 | 39.255 | ng | 98 |
| 35) Caprolactam | 8.498 | 113 | 84651 | 41.402 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 8.604 | 107 | 261906 | 38.681 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.757 | 142 | 550725 | 37.642 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.857 | 142 | 526591 | 38.443 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.922 | 216 | 262934 | 40.358 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.910 | 237 | 98779 | 38.617 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.039 | 196 | 173201 | 40.604 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.080 | 196 | 200320 | 40.779 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.222 | 154 | 689593 | 39.903 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.251 | 162 | 495738 | 39.536 | ng | | 99 |
| 48) 2-Nitroaniline | 9.351 | 65 | 202920 | 41.656 | ng | | 98 |
| 49) Acenaphthylene | 9.663 | 152 | 829360 | 39.799 | ng | | 100 |
| 50) Dimethylphthalate | 9.533 | 163 | 607339 | 39.945 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.592 | 165 | 136451 | 40.967 | ng | | 98 |
| 52) Acenaphthene | 9.839 | 154 | 488723 | 39.700 | ng | | 96 |
| 53) 3-Nitroaniline | 9.763 | 138 | 163484 | 41.814 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.875 | 184 | 72108 | 41.405 | ng | | 98 |
| 55) Dibenzofuran | 10.010 | 168 | 746133 | 39.718 | ng | | 99 |
| 56) 4-Nitrophenol | 9.927 | 139 | 111952 | 45.054 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 10.004 | 165 | 172195 | 41.296 | ng | | 96 |
| 58) Fluorene | 10.351 | 166 | 564193 | 39.067 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.127 | 232 | 153529 | 40.629 | ng | | 99 |
| 60) Diethylphthalate | 10.233 | 149 | 615038 | 40.307 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204 | 270865 | 39.045 | ng | | 99 |
| 62) 4-Nitroaniline | 10.380 | 138 | 159537 | 42.450 | ng | | 96 |
| 63) Azobenzene | 10.510 | 77 | 610324 | 40.869 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.410 | 198 | 101226 | 44.026 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.469 | 169 | 532228 | 40.610 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248 | 178579 | 41.478 | ng | | 98 |
| 68) Hexachlorobenzene | 10.898 | 284 | 178981 | 40.805 | ng | # | 90 |
| 69) Atrazine | 10.998 | 200 | 144725 | 41.041 | ng | | 98 |
| 70) Pentachlorophenol | 11.098 | 266 | 113821 | 43.372 | ng | | 98 |
| 71) Phenanthrene | 11.316 | 178 | 805195 | 39.328 | ng | | 99 |
| 72) Anthracene | 11.369 | 178 | 825636 | 39.232 | ng | | 100 |
| 73) Carbazole | 11.527 | 167 | 766419 | 40.006 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.863 | 149 | 944064 | 41.820 | ng | | 100 |
| 75) Fluoranthene | 12.510 | 202 | 871360 | 40.844 | ng | | 99 |
| 77) Benzidine | 12.639 | 184 | 205381 | 40.394 | ng | | 98 |
| 78) Pyrene | 12.739 | 202 | 887544 | 37.562 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.368 | 149 | 355275 | 42.705 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.939 | 228 | 623780 | 38.924 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.904 | 252 | 201990 | 40.352 | ng | | 98 |
| 83) Chrysene | 13.974 | 228 | 616155 | 38.671 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149 | 371813 | 43.553 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.551 | 149 | 563637 | 41.545 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.880 | 276 | 537975 | 39.880 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.980 | 252 | 478390 | 42.953 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.009 | 252 | 429449 | 39.034 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.345 | 252 | 434538 | 40.913 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.898 | 278 | 440474 | 39.907 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.327 | 276 | 462005 | 40.079 | ng | | 99 |

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

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