Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056182.D
Acq On : 3 Jan 2023 12:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 02:11:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :Yogesh Patel 01/05/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.338 | 152 | 49950 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.170 | 136 | 192663 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.948 | 164 | 161410 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.686 | 188 | 404357 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.987 | 240 | 368698 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.448 | 264 | 394831 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.847 | 112 | 231857 | 82.879 | ng | | 0.00 |
| 7) Phenol-d6 | 7.469 | 99 | 353490 | 82.279 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.507 | 82 | 302027 | 80.187 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.429 | 330 | 161422 | 78.965 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.579 | 172 | 932755 | 79.799 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.259 | 244 | 1631879 | 79.273 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.673 | 88 | 51590 | 40.374 | ng | # | 90 |
| 3) Pyridine | 4.090 | 79 | 160960 | 41.358 | ng | # | 93 |
| 4) n-Nitrosodimethylamine | 3.996 | 42 | 32071 | 40.510 | ng | | 85 |
| 6) Aniline | 7.645 | 93 | 232272 | 41.227 | ng | | 99 |
| 8) 2-Chlorophenol | 7.892 | 128 | 119460 | 42.912 | ng | | 95 |
| 9) Benzaldehyde | 7.463 | 77 | 97038 | 37.987 | ng | | 94 |
| 10) Phenol | 7.492 | 94 | 177485 | 40.736 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.739 | 93 | 120861 | 40.934 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.227 | 146 | 138089 | 40.757 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.373 | 146 | 141434 | 41.570 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.697 | 146 | 133711 | 40.730 | ng | | 99 |
| 15) Benzyl Alcohol | 8.567 | 79 | 124634 | 39.860 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.861 | 45 | 24077 | 46.145 | ng | # | 79 |
| 17) 2-Methylphenol | 8.761 | 107 | 130225 | 40.733 | ng | | 97 |
| 18) Hexachloroethane | 9.431 | 117 | 41988 | 40.624 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 9.137 | 70 | 104095 | 39.845 | ng | | 98 |
| 20) 3+4-Methylphenols | 9.096 | 107 | 185838 | 41.345 | ng | | 97 |
| 22) Acetophenone | 9.161 | 105 | 217906 | 40.001 | ng | # | 99 |
| 24) Nitrobenzene | 9.554 | 77 | 149096 | 39.944 | ng | | 98 |
| 25) Isophorone | 10.071 | 82 | 313768 | 39.593 | ng | | 97 |
| 26) 2-Nitrophenol | 10.265 | 139 | 77220 | 40.434 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.312 | 122 | 138332 | 39.713 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.547 | 93 | 167395 | 40.641 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.806 | 162 | 152863 | 39.694 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 11.029 | 180 | 169818 | 38.859 | ng | | 97 |
| 31) Naphthalene | 11.223 | 128 | 416571 | 41.084 | ng | | 99 |
| 32) Benzoic acid | 10.430 | 122 | 104531 | 40.445 | ng | | 93 |
| 33) 4-Chloroaniline | 11.317 | 127 | 198654 | 41.035 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.499 | 225 | 121171 | 38.552 | ng | | 96 |
| 35) Caprolactam | 12.081 | 113 | 51847 | 39.765 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 12.410 | 107 | 158620 | 40.592 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.804 | 142 | 336125 | 39.260 | ng | | 99 |
| 38) 1-Methylnaphthalene | 13.015 | 142 | 317828 | 39.977 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 13.162 | 216 | 239018 | 39.510 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.138 | 237 | 134057 | 38.868 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.391 | 196 | 159551 | 39.885 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.462 | 196 | 189285 | 40.001 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.791 | 154 | 474370 | 41.037 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.838 | 162 | 370251 | 40.579 | ng | | 98 |
| 48) 2-Nitroaniline | 14.026 | 65 | 81565 | 41.957 | ng | | 98 |
| 49) Acenaphthylene | 14.678 | 152 | 600751 | 40.460 | ng | | 100 |
| 50) Dimethylphthalate | 14.390 | 163 | 518570 | 39.798 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.513 | 165 | 112774 | 40.618 | ng | | 95 |
| 52) Acenaphthene | 15.013 | 154 | 388836 | 40.265 | ng | | 98 |
| 53) 3-Nitroaniline | 14.842 | 138 | 109060 | 41.274 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 15.048 | 184 | 77070 | 38.856 | ng | | 97 |
| 55) Dibenzofuran | 15.348 | 168 | 636948 | 39.857 | ng | | 96 |
| 56) 4-Nitrophenol | 15.130 | 139 | 82988 | 40.836 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 15.295 | 165 | 159994 | 41.205 | ng | | 91 |
| 58) Fluorene | 15.988 | 166 | 504772 | 39.271 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.559 | 232 | 173672 | 39.088 | ng | | 95 |
| 60) Diethylphthalate | 15.735 | 149 | 482454 | 39.482 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.970 | 204 | 313150 | 39.039 | ng | | 98 |
| 62) 4-Nitroaniline | 16.000 | 138 | 113486 | 41.928 | ng | | 88 |
| 63) Azobenzene | 16.264 | 77 | 376366 | 39.913 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 16.053 | 198 | 113091 | 41.512 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 16.182 | 169 | 464468 | 41.400 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.863 | 248 | 207073 | 40.216 | ng | | 97 |
| 68) Hexachlorobenzene | 16.993 | 284 | 196909 | 40.989 | ng | | 99 |
| 69) Atrazine | 17.116 | 200 | 186043 | 40.013 | ng | | 98 |
| 70) Pentachlorophenol | 17.328 | 266 | 152900 | 41.433 | ng | | 94 |
| 71) Phenanthrene | 17.727 | 178 | 844606 | 40.306 | ng | | 99 |
| 72) Anthracene | 17.821 | 178 | 873362 | 40.402 | ng | | 100 |
| 73) Carbazole | 18.080 | 167 | 729027 | 40.122 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.614 | 149 | 743390 | 41.042 | ng | | 99 |
| 75) Fluoranthene | 19.719 | 202 | 1051765 | 38.478 | ng | | 99 |
| 77) Benzidine | 19.883 | 184 | 487407 | 37.723 | ng | | 98 |
| 78) Pyrene | 20.077 | 202 | 1059609 | 40.774 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.935 | 149 | 317931 | 42.643 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.963 | 228 | 1036837 | 40.038 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.863 | 252 | 365456 | 39.203 | ng | | 97 |
| 83) Chrysene | 22.034 | 228 | 967631 | 39.891 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.828 | 149 | 449322 | 41.831 | ng | | 99 |
| 85) Di-n-octyl phthalate | 23.121 | 149 | 762311 | 42.040 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 29.437 | 276 | 1174117 | 40.889 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 24.343 | 252 | 1024163m | 40.826 | ng | | |
| 89) Benzo(k)fluoranthene | 24.413 | 252 | 1011155 | 40.477 | ng | | 100 |
| 90) Benzo(a)pyrene | 25.283 | 252 | 998884 | 40.824 | ng | # | 99 |
| 91) Dibenzo(a,h)anthracene | 29.502 | 278 | 971488 | 40.354 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.688 | 276 | 951410 | 40.753 | ng | | 97 |

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

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