Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058771.D
Acq On : 18 Aug 2023 11:20
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 21 01:25:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:23:52 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.813 | 152 | 25070 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.615 | 136 | 99130 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.458 | 164 | 65151 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.202 | 188 | 164034 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.450 | 240 | 163374 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.522 | 264 | 195063 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.386 | 112 | 15177 | 9.742 | ng | | 0.00 |
| 7) Phenol-d6 | 6.984 | 99 | 21144 | 9.674 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.976 | 82 | 19441 | 9.429 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.956 | 330 | 9389 | 9.191 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.077 | 172 | 49059 | 10.952 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.828 | 244 | 96497 | 10.606 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.271 | 88 | 3920 | 5.270 | ng | | 91 |
| 3) Pyridine | 3.676 | 79 | 8855m | 4.559 | ng | | |
| 4) n-Nitrosodimethylamine | 3.594 | 42 | 5901m | 5.608 | ng | | |
| 6) Aniline | 7.137 | 93 | 13129 | 4.914 | ng | | 97 |
| 8) 2-Chlorophenol | 7.372 | 128 | 7893 | 5.011 | ng | | 95 |
| 9) Benzaldehyde | 6.955 | 77 | 7101 | 5.795 | ng | # | 80 |
| 10) Phenol | 7.014 | 94 | 10114 | 4.799 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.231 | 93 | 8948 | 5.441 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 7.701 | 146 | 8901 | 5.320 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 7.842 | 146 | 8773 | 5.185 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.165 | 146 | 8764 | 5.359 | ng | | 94 |
| 15) Benzyl Alcohol | 8.053 | 79 | 6488 | 4.152 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.335 | 45 | 17810 | 5.082 | ng | | 95 |
| 17) 2-Methylphenol | 8.265 | 107 | 7488 | 4.837 | ng | | 94 |
| 18) Hexachloroethane | 8.888 | 117 | 3038 | 4.928 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.618 | 70 | 6596 | 4.669 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.600 | 107 | 9606 | 4.616 | ng | | 89 |
| 22) Acetophenone | 8.635 | 105 | 12567 | 4.683 | ng | # | 91 |
| 24) Nitrobenzene | 9.023 | 77 | 9504 | 4.634 | ng | | 99 |
| 25) Isophorone | 9.534 | 82 | 19492 | 4.754 | ng | | 96 |
| 26) 2-Nitrophenol | 9.728 | 139 | 3142 | 3.663 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.798 | 122 | 6452 | 4.439 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93 | 10312 | 4.748 | ng | # | 89 |
| 29) 2,4-Dichlorophenol | 10.292 | 162 | 6161 | 4.117 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.480 | 180 | 8791 | 4.874 | ng | | 96 |
| 31) Naphthalene | 10.662 | 128 | 26574 | 5.106 | ng | | 97 |
| 33) 4-Chloroaniline | 10.797 | 127 | 9389m | 4.277 | ng | | |
| 34) Hexachlorobutadiene | 10.938 | 225 | 5959 | 4.895 | ng | | 96 |
| 35) Caprolactam | 11.538 | 113 | 2202 | 4.114 | ng | # | 91 |
| 36) 4-Chloro-3-methylphenol | 11.920 | 107 | 8684 | 4.675 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 12.284 | 142 | 18604 | 4.977 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.501 | 142 | 18241 | 5.140 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.654 | 216 | 10283 | 5.120 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.907 | 196 | 5407 | 4.231 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 12.983 | 196 | 7140 | 4.665 | ng | # | 83 |
| 46) 1,1'-Biphenyl | 13.294 | 154 | 23393 | 5.212 | ng | | 96 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 47) | 2-Chloronaphthalene | 13.336 | 162 | 17663 | 5.050 | ng | | 97 |
| 48) | 2-Nitroaniline | 13.559 | 65 | 5673 | 4.271 | ng | | 86 |
| 49) | Acenaphthylene | 14.182 | 152 | 30277 | 5.220 | ng | | 95 |
| 50) | Dimethylphthalate | 13.917 | 163 | 26601 | 5.273 | ng | | 97 |
| 51) | 2,6-Dinitrotoluene | 14.041 | 165 | 4552 | 4.295 | ng | # | 86 |
| 52) | Acenaphthene | 14.522 | 154 | 18172 | 5.361 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.387 | 138 | 4134 | 4.044 | ng | # | 89 |
| 55) | Dibenzofuran | 14.857 | 168 | 31164 | 5.330 | ng | | 98 |
| 57) | 2,4-Dinitrotoluene | 14.846 | 165 | 6191 | 4.188 | ng | # | 85 |
| 58) | Fluorene | 15.509 | 166 | 24844 | 5.339 | ng | | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.098 | 232 | 5848 | 4.683 | ng | # | 94 |
| 60) | Diethylphthalate | 15.274 | 149 | 27602 | 5.307 | ng | | 98 |
| 61) | 4-Chlorophenyl-phenyle... | 15.498 | 204 | 13282 | 5.150 | ng | | 96 |
| 62) | 4-Nitroaniline | 15.568 | 138 | 3788 | 3.652 | ng | # | 82 |
| 63) | Azobenzene | 15.791 | 77 | 24318 | 5.092 | ng | | 98 |
| 66) | n-Nitrosodiphenylamine | 15.721 | 169 | 21439 | 5.071 | ng | | 95 |
| 67) | 4-Bromophenyl-phenylether | 16.397 | 248 | 8709 | 4.838 | ng | | 94 |
| 68) | Hexachlorobenzene | 16.514 | 284 | 9826 | 5.072 | ng | | 94 |
| 69) | Atrazine | 16.673 | 200 | 8423 | 5.630 | ng | | 92 |
| 71) | Phenanthrene | 17.249 | 178 | 42723 | 5.425 | ng | | 98 |
| 72) | Anthracene | 17.343 | 178 | 39663 | 5.022 | ng | | 97 |
| 73) | Carbazole | 17.619 | 167 | 37561 | 5.193 | ng | | 96 |
| 74) | Di-n-butylphthalate | 18.165 | 149 | 47932 | 5.254 | ng | | 99 |
| 75) | Fluoranthene | 19.264 | 202 | 53895 | 5.519 | ng | | 99 |
| 77) | Benzidine | 19.470 | 184 | 16499m | 5.635 | ng | | |
| 78) | Pyrene | 19.628 | 202 | 57354 | 5.038 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.515 | 149 | 21683 | 4.697 | ng | | 96 |
| 81) | Benzo(a)anthracene | 21.432 | 228 | 57290 | 5.038 | ng | | 97 |
| 82) | 3,3'-Dichlorobenzidine | 21.361 | 252 | 18748 | 4.775 | ng | | 96 |
| 83) | Chrysene | 21.491 | 228 | 58559 | 5.342 | ng | | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.332 | 149 | 32590 | 4.813 | ng | | 99 |
| 85) | Di-n-octyl phthalate | 22.478 | 149 | 53496 | 4.593 | ng | # | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.030 | 276 | 66414 | 5.032 | ng | | 98 |
| 88) | Benzo(b)fluoranthene | 23.547 | 252 | 53741 | 4.965 | ng | | 93 |
| 89) | Benzo(k)fluoranthene | 23.606 | 252 | 58914 | 5.278 | ng | | 98 |
| 90) | Benzo(a)pyrene | 24.381 | 252 | 52848 | 4.959 | ng | | 96 |
| 91) | Dibenzo(a,h)anthracene | 28.089 | 278 | 53479m | 4.934 | ng | | |
| 92) | Benzo(g,h,i)perylene | 29.123 | 276 | 53937m | 4.967 | ng | | |

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

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