Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055715.D
Acq On : 21 Nov 2022 14:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 02:03:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo

11/22/2022
Supervised By :Jagrut Upadhyay

11/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.250 | 152 | 35982 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.082 | 136 | 159830 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.871 | 164 | 119840 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.615 | 188 | 276466 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.910 | 240 | 249860 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.324 | 264 | 267262 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.776 | 112 | 147372 | 74.031 | ng | 0.00 |
| 7) Phenol-d6 | 7.398 | 99 | 208406 | 78.646 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.425 | 82 | 227150 | 75.117 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.358 | 330 | 125256 | 74.226 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.496 | 172 | 583344 | 72.924 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.200 | 244 | 940979 | 75.325 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.614 | 88 | 29969 | 35.227 | ng | 98 |
| 3) Pyridine | 4.025 | 79 | 100898 | 38.661 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.937 | 42 | 53809 | 38.943 | ng | 98 |
| 6) Aniline | 7.562 | 93 | 132901 | 39.929 | ng | 97 |
| 8) 2-Chlorophenol | 7.809 | 128 | 87553 | 38.473 | ng | 96 |
| 9) Benzaldehyde | 7.374 | 77 | 65881 | 36.608 | ng | 99 |
| 10) Phenol | 7.421 | 94 | 115956 | 39.081 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.656 | 93 | 88639 | 38.982 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 8.138 | 146 | 98616 | 36.858 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 8.285 | 146 | 101100 | 37.393 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.608 | 146 | 97235 | 37.530 | ng | 98 |
| 15) Benzyl Alcohol | 8.485 | 79 | 89770 | 41.683 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.773 | 45 | 161826 | 39.313 | ng | 99 |
| 17) 2-Methylphenol | 8.684 | 107 | 86072 | 40.860 | ng | 99 |
| 18) Hexachloroethane | 9.343 | 117 | 35318 | 37.953 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 9.055 | 70 | 85478 | 41.983 | ng | 97 |
| 20) 3+4-Methylphenols | 9.014 | 107 | 122000 | 41.459 | ng | 98 |
| 22) Acetophenone | 9.078 | 105 | 154195 | 37.127 | ng | 99 |
| 24) Nitrobenzene | 9.466 | 77 | 117137 | 37.085 | ng | 99 |
| 25) Isophorone | 9.989 | 82 | 222293 | 38.797 | ng | 99 |
| 26) 2-Nitrophenol | 10.183 | 139 | 58484 | 40.109 | ng | 93 |
| 27) 2,4-Dimethylphenol | 10.230 | 122 | 85442m | 38.502 | ng | |
| 28) bis(2-Chloroethoxy)met... | 10.465 | 93 | 115780 | 37.641 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.717 | 162 | 102412 | 38.556 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.935 | 180 | 114021 | 36.949 | ng | 97 |
| 31) Naphthalene | 11.129 | 128 | 316337 | 36.612 | ng | 99 |
| 32) Benzoic acid | 10.371 | 122 | 71468 | 39.143 | ng | 95 |
| 33) 4-Chloroaniline | 11.229 | 127 | 135498 | 38.017 | ng | 99 |
| 34) Hexachlorobutadiene | 11.405 | 225 | 78403 | 37.208 | ng | 97 |
| 35) Caprolactam | 12.004 | 113 | 34562 | 37.601 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 12.333 | 107 | 114375 | 39.178 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.715 | 142 | 244232 | 37.753 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.932 | 142 | 237838 | 37.871 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 13.079 | 216 | 140130 | 37.209 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 13.056 | 237 | 70811 | 37.306 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.314 | 196 | 98093 | 38.184 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.385 | 196 | 109271 | 38.706 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.708 | 154 | 319625 | 36.600 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.755 | 162 | 249708 | 36.788 | ng | | 99 |
| 48) 2-Nitroaniline | 13.955 | 65 | 85348 | 38.244 | ng | | 97 |
| 49) Acenaphthylene | 14.595 | 152 | 410602 | 36.734 | ng | | 99 |
| 50) Dimethylphthalate | 14.313 | 163 | 355031 | 37.164 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.437 | 165 | 72839 | 37.290 | ng | | 98 |
| 52) Acenaphthene | 14.936 | 154 | 271052m | 37.104 | ng | | |
| 53) 3-Nitroaniline | 14.771 | 138 | 79207 | 36.939 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.977 | 184 | 43884 | 39.075 | ng | | 98 |
| 55) Dibenzofuran | 15.265 | 168 | 408842 | 36.278 | ng | | 99 |
| 56) 4-Nitrophenol | 15.071 | 139 | 60242 | 35.796 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 15.224 | 165 | 105322 | 38.243 | ng | | 93 |
| 58) Fluorene | 15.917 | 166 | 326532 | 36.277 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.488 | 232 | 103154 | 37.710 | ng | | 100 |
| 60) Diethylphthalate | 15.665 | 149 | 350200 | 36.258 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.900 | 204 | 181042 | 36.590 | ng | | 99 |
| 62) 4-Nitroaniline | 15.929 | 138 | 81751 | 36.472 | ng | | 97 |
| 63) Azobenzene | 16.193 | 77 | 303900 | 36.040 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.988 | 198 | 64154 | 41.557 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 16.111 | 169 | 288102 | 37.813 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.793 | 248 | 120430 | 38.232 | ng | | 98 |
| 68) Hexachlorobenzene | 16.916 | 284 | 133226 | 38.142 | ng | | 100 |
| 69) Atrazine | 17.051 | 200 | 111655 | 37.054 | ng | | 97 |
| 70) Pentachlorophenol | 17.263 | 266 | 78363 | 36.675 | ng | | 99 |
| 71) Phenanthrene | 17.656 | 178 | 544755 | 36.513 | ng | | 99 |
| 72) Anthracene | 17.750 | 178 | 531356 | 36.656 | ng | | 99 |
| 73) Carbazole | 18.009 | 167 | 467651 | 35.886 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.549 | 149 | 578869 | 35.774 | ng | | 99 |
| 75) Fluoranthene | 19.654 | 202 | 620963 | 34.212 | ng | | 100 |
| 77) Benzidine | 19.824 | 184 | 202322 | 35.001 | ng | | 98 |
| 78) Pyrene | 20.012 | 202 | 628416 | 37.157 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.882 | 149 | 247434 | 37.372 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.893 | 228 | 630514 | 36.638 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.793 | 252 | 224303 | 37.093 | ng | | 99 |
| 83) Chrysene | 21.963 | 228 | 598863 | 36.554 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.763 | 149 | 352977 | 37.096 | ng | | 99 |
| 85) Di-n-octyl phthalate | 23.038 | 149 | 601906 | 36.964 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 29.260 | 276 | 753289 | 34.405 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 24.231 | 252 | 614619 | 35.312 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.307 | 252 | 634253 | 36.556 | ng | | 100 |
| 90) Benzo(a)pyrene | 25.165 | 252 | 536134 | 35.895 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 29.325 | 278 | 627218 | 35.056 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.494 | 276 | 612712 | 33.978 | ng | | 99 |

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

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