Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
Data File : BM038453.D
Acq On : 16 Jan 2023 15:01
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 17 02:15:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 02:09:55 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.981 | 152 | 53005 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.792 | 136 | 198670 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.615 | 164 | 131231 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.356 | 188 | 325734 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.527 | 240 | 367368 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.950 | 264 | 425567 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.528 | 112 | 138367 | 40.421 | ng | | 0.00 |
| 7) Phenol-d6 | 7.145 | 99 | 186665 | 39.723 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.157 | 82 | 194490 | 37.337 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.104 | 330 | 84913 | 39.860 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.239 | 172 | 398267 | 35.719 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.968 | 244 | 778441 | 37.914 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 33293 | 20.783 | ng | | 99 |
| 3) Pyridine | 3.810 | 79 | 93202m | 19.442 | ng | | |
| 4) n-Nitrosodimethylamine | 3.716 | 42 | 56134m | 18.049 | ng | | |
| 6) Aniline | 7.310 | 93 | 119079 | 20.039 | ng | | 99 |
| 8) 2-Chlorophenol | 7.545 | 128 | 69279 | 19.657 | ng | | 98 |
| 9) Benzaldehyde | 7.122 | 77 | 70962 | 20.923 | ng | | 99 |
| 10) Phenol | 7.169 | 94 | 99021 | 20.266 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.404 | 93 | 81027 | 20.461 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.869 | 146 | 74875 | 20.126 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.016 | 146 | 75557 | 19.992 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.333 | 146 | 72612 | 19.494 | ng | | 97 |
| 15) Benzyl Alcohol | 8.228 | 79 | 71649 | 17.691 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.516 | 45 | 109451 | 17.626 | ng | | 97 |
| 17) 2-Methylphenol | 8.428 | 107 | 61513 | 18.182 | ng | | 95 |
| 18) Hexachloroethane | 9.063 | 117 | 30660 | 19.171 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.792 | 70 | 67666 | 17.727 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.757 | 107 | 86128 | 18.753 | ng | | 97 |
| 22) Acetophenone | 8.816 | 105 | 117386 | 19.122 | ng | # | 99 |
| 24) Nitrobenzene | 9.198 | 77 | 102457 | 18.813 | ng | | 99 |
| 25) Isophorone | 9.722 | 82 | 172051 | 18.205 | ng | | 100 |
| 26) 2-Nitrophenol | 9.910 | 139 | 35306 | 18.825 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.963 | 122 | 60797 | 19.040 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.204 | 93 | 98493 | 18.783 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.445 | 162 | 66413 | 19.075 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.657 | 180 | 76108 | 19.511 | ng | | 99 |
| 31) Naphthalene | 10.845 | 128 | 205696 | 18.922 | ng | | 99 |
| 32) Benzoic acid | 10.075 | 122 | 41207 | 16.481 | ng | | 97 |
| 33) 4-Chloroaniline | 10.963 | 127 | 91556 | 19.183 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.116 | 225 | 53236 | 20.167 | ng | | 98 |
| 35) Caprolactam | 11.751 | 113 | 18968m | 18.838 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.080 | 107 | 74612 | 19.006 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.451 | 142 | 151358 | 18.619 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.668 | 142 | 139014 | 18.204 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.816 | 216 | 94994 | 19.517 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.786 | 237 | 52473 | 19.034 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.057 | 196 | 59481 | 18.512 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.127 | 196 | 69111 | 18.207 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.451 | 154 | 196010 | 18.236 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.498 | 162 | 157009 | 18.966 | ng | | 99 |
| 48) 2-Nitroaniline | 13.710 | 65 | 56387 | 17.522 | ng | | 96 |
| 49) Acenaphthylene | 14.339 | 152 | 245961 | 18.808 | ng | | 99 |
| 50) Dimethylphthalate | 14.074 | 163 | 210125 | 19.138 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.204 | 165 | 42977 | 19.195 | ng | | 95 |
| 52) Acenaphthene | 14.680 | 154 | 149878 | 18.716 | ng | | 99 |
| 53) 3-Nitroaniline | 14.533 | 138 | 42611 | 18.878 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.739 | 184 | 27284 | 17.132 | ng | | 95 |
| 55) Dibenzofuran | 15.009 | 168 | 254496 | 18.836 | ng | | 99 |
| 56) 4-Nitrophenol | 14.833 | 139 | 33827 | 19.106 | ng | # | 85 |
| 57) 2,4-Dinitrotoluene | 14.986 | 165 | 58066 | 18.328 | ng | | 96 |
| 58) Fluorene | 15.662 | 166 | 209356 | 18.037 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.239 | 232 | 64186 | 19.782 | ng | | 99 |
| 60) Diethylphthalate | 15.427 | 149 | 217063 | 18.746 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 115280 | 18.634 | ng | | 97 |
| 62) 4-Nitroaniline | 15.692 | 138 | 46725 | 19.464 | ng | | 98 |
| 63) Azobenzene | 15.945 | 77 | 246500 | 18.443 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198 | 40630 | 18.108 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.868 | 169 | 182183 | 17.999 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248 | 70176 | 18.298 | ng | | 98 |
| 68) Hexachlorobenzene | 16.656 | 284 | 79828 | 19.431 | ng | | 95 |
| 69) Atrazine | 16.815 | 200 | 65861 | 18.437 | ng | | 96 |
| 70) Pentachlorophenol | 17.009 | 266 | 59639 | 18.710 | ng | | 98 |
| 71) Phenanthrene | 17.398 | 178 | 348755 | 18.612 | ng | | 98 |
| 72) Anthracene | 17.492 | 178 | 361834 | 18.706 | ng | | 99 |
| 73) Carbazole | 17.762 | 167 | 318433 | 18.983 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.315 | 149 | 372653 | 17.350 | ng | | 99 |
| 75) Fluoranthene | 19.409 | 202 | 434058 | 18.582 | ng | | 99 |
| 77) Benzidine | 19.597 | 184 | 159390 | 20.072 | ng | | 100 |
| 78) Pyrene | 19.774 | 202 | 474440 | 18.180 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.656 | 149 | 173904 | 16.823 | ng | | 92 |
| 81) Benzo(a)anthracene | 21.515 | 228 | 521906 | 19.505 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.444 | 252 | 173448 | 20.326 | ng | | 99 |
| 83) Chrysene | 21.568 | 228 | 509985 | 20.013 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 251660 | 16.225 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.356 | 149 | 449232 | 17.443 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.479 | 276 | 605724 | 21.493 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.209 | 252 | 507963 | 18.232 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.262 | 252 | 540958 | 18.755 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.844 | 252 | 504571 | 18.991 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.491 | 278 | 513542 | 21.532 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.256 | 276 | 509620 | 22.899 | ng | | 99 |

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

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