Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124027.D
Acq On : 21 May 2021 19:59
Operator : JU/CG
Sample : M2482-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
BU-02-052021MS

**Manual Integrations APPROVED**
mohammad
5/24/2021 2:36:21 PM

Quant Time: May 22 01:39:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 58258 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.175 | 136 | 230842 | 20.00 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 9.933 | 164 | 141712 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.422 | 188 | 238365 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 143002 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.551 | 264 | 123631 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 236305 | 56.95 | ng | | 0.00 |
| 7) Phenol-d6 | 6.522 | 99 | 577420 | 107.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 431899 | 80.61 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 31162 | 18.31 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 825798 | 71.71 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.004 | 244 | 770436 | 81.60 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.710 | 88 | 55068 | 30.22 | ng | | 99 |
| 3) Pyridine | 3.469 | 79 | 143696 | 30.55 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 3.428 | 42 | 114595 | 37.51 | ng | # | 86 |
| 6) Aniline | 6.551 | 93 | 183714 | 30.06 | ng | | 94 |
| 8) 2-Chlorophenol | 6.675 | 128 | 176228 | 40.81 | ng | | 95 |
| 9) Benzaldehyde | 6.439 | 77 | 138200 | 59.34 | ng | | 94 |
| 10) Phenol | 6.539 | 94 | 232591 | 42.75 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 173705 | 41.08 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 195430 | 38.85 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 200418 | 38.94 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 193861 | 40.31 | ng | | 95 |
| 15) Benzyl Alcohol | 7.034 | 79 | 187026 | 40.23 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169 | 45 | 339869 | 39.93 | ng | | 98 |
| 17) 2-Methylphenol | 7.145 | 107 | 143940 | 41.11 | ng | | 96 |
| 18) Hexachloroethane | 7.404 | 117 | 76573 | 40.14 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.310 | 70 | 150423 | 41.36 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 192359 | 41.70 | ng | | 88 |
| 22) Acetophenone | 7.304 | 105 | 266714 | 40.69 | ng | # | 97 |
| 24) Nitrobenzene | 7.475 | 77 | 212337 | 38.76 | ng | | 93 |
| 25) Isophorone | 7.716 | 82 | 371989 | 36.09 | ng | | 96 |
| 26) 2-Nitrophenol | 7.792 | 139 | 95453 | 46.32 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 160147 | 40.58 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 215720 | 41.62 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 164721 | 41.24 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 169221 | 37.68 | ng | | 99 |
| 31) Naphthalene | 8.198 | 128 | 521283 | 38.16 | ng | | 98 |
| 32) Benzoic acid | 7.957 | 122 | 86235 | 39.82 | ng | | 90 |
| 33) 4-Chloroaniline | 8.239 | 127 | 31856 | 6.13 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 114946 | 39.10 | ng | | 94 |
| 35) Caprolactam | 8.622 | 113 | 52548m | 48.32 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.728 | 107 | 184282 | 42.19 | ng | | 88 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 369272 | 39.88 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 338919 | 39.22 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 190283 | 37.23 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.045 | 237 | 199104 | 61.25 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 122429 | 36.92 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 130113 | 37.77 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 475910 | 38.13 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.380 | 162 | 360595 | 36.37 | ng | | 95 |
| 48) 2-Nitroaniline | 9.475 | 65 | 141051 | 42.13 | ng | | 98 |
| 49) Acenaphthylene | 9.798 | 152 | 550839 | 37.61 | ng | | 99 |
| 50) Dimethylphthalate | 9.657 | 163 | 583950 | 51.60 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 96609 | 42.22 | ng | | 95 |
| 52) Acenaphthene | 9.969 | 154 | 402700 | 40.16 | ng | | 94 |
| 53) 3-Nitroaniline | 9.880 | 138 | 55543 | 24.42 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.992 | 184 | 84242 | 69.53 | ng | | 95 |
| 55) Dibenzofuran | 10.139 | 168 | 524086 | 36.39 | ng | | 99 |
| 56) 4-Nitrophenol | 10.045 | 139 | 140862 | 74.88 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 10.122 | 165 | 128201 | 45.68 | ng | # | 94 |
| 58) Fluorene | 10.480 | 166 | 418158 | 38.53 | ng | | 92 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 107906 | 38.09 | ng | | 94 |
| 60) Diethylphthalate | 10.357 | 149 | 455190 | 40.62 | ng | | 94 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 212566 | 39.09 | ng | | 90 |
| 62) 4-Nitroaniline | 10.498 | 138 | 91317 | 40.37 | ng | | 88 |
| 63) Azobenzene | 10.633 | 77 | 460111 | 36.92 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 60999 | 40.66 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 367294 | 40.33 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 128833 | 41.13 | ng | | 90 |
| 68) Hexachlorobenzene | 11.033 | 284 | 138986 | 39.74 | ng | | 94 |
| 69) Atrazine | 11.122 | 200 | 128124 | 49.81 | ng | | 97 |
| 70) Pentachlorophenol | 11.222 | 266 | 143128 | 69.03 | ng | | 98 |
| 71) Phenanthrene | 11.445 | 178 | 613645 | 40.62 | ng | | 99 |
| 72) Anthracene | 11.498 | 178 | 589428 | 38.50 | ng | | 98 |
| 73) Carbazole | 11.651 | 167 | 468242 | 34.96 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.980 | 149 | 681743 | 40.67 | ng | | 99 |
| 75) Fluoranthene | 12.633 | 202 | 536097 | 34.27 | ng | | 99 |
| 77) Benzidine | 12.751 | 184 | 179426 | 52.00 | ng | # | 95 |
| 78) Pyrene | 12.863 | 202 | 545228 | 42.95 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 224233 | 45.04 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 404061 | 39.07 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 81499 | 25.37 | ng | | 99 |
| 83) Chrysene | 14.092 | 228 | 392228 | 39.43 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 321641 | 45.78 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 499399 | 47.03 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 310899 | 32.56 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.115 | 252 | 397504 | 41.56 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.145 | 252 | 373243 | 42.82 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.492 | 252 | 353126 | 42.71 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 257400 | 32.01 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.509 | 276 | 239395 | 29.69 | ng | # | 94 |

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

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