Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123350.D
Acq On : 2 Mar 2021 22:34
Operator : JU/CG
Sample : M1527-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ETGI-371MSD

**Manual Integrations APPROVED**
mohammad
3/3/2021 11:01:48 AM

Quant Time: Mar 02 23:53:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.851 | 152 | 135562 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.139 | 136 | 558022 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 287378 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 524127 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 334516 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.515 | 264 | 294887 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 903259 | 95.91 | ng | | 0.01 |
| 7) Phenol-d6 | 6.498 | 99 | 1186461 | 92.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 810742 | 66.51 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 282466 | 96.53 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 1221472 | 61.05 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 1126036 | 64.73 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.669 | 88 | 162356 | 29.87 | ng | | 89 |
| 3) Pyridine | 3.422 | 79 | 466318 | 35.21 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 239530 | 39.11 | ng | | 85 |
| 6) Aniline | 6.516 | 93 | 291818 | 19.31 | ng | # | 59 |
| 8) 2-Chlorophenol | 6.640 | 128 | 451379 | 44.61 | ng | | 89 |
| 9) Benzaldehyde | 6.398 | 77 | 156041 | 20.13 | ng | | 87 |
| 10) Phenol | 6.510 | 94 | 602290 | 43.19 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.587 | 93 | 453056 | 45.30 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.793 | 146 | 461597 | 43.86 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 6.869 | 146 | 465678 | 43.41 | ng | # | 94 |
| 14) 1,2-Dichlorobenzene | 7.022 | 146 | 451287 | 45.23 | ng | | 94 |
| 15) Benzyl Alcohol | 6.998 | 79 | 456035 | 45.71 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128 | 45 | 617979 | 45.05 | ng | | 86 |
| 17) 2-Methylphenol | 7.116 | 107 | 385461 | 45.29 | ng | # | 91 |
| 18) Hexachloroethane | 7.363 | 117 | 181982 | 46.97 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 357503 | 46.97 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 475264 | 42.53 | ng | | 92 |
| 22) Acetophenone | 7.263 | 105 | 647989 | 44.77 | ng | # | 92 |
| 24) Nitrobenzene | 7.440 | 77 | 549328 | 42.74 | ng | | 91 |
| 25) Isophorone | 7.681 | 82 | 968444 | 42.48 | ng | | 97 |
| 26) 2-Nitrophenol | 7.757 | 139 | 239077 | 44.40 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.792 | 122 | 383904 | 46.06 | ng | | 92 |
| 28) bis(2-Chloroethoxy)met... | 7.887 | 93 | 577698 | 48.42 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 370556 | 43.06 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.081 | 180 | 399498 | 42.70 | ng | | 99 |
| 31) Naphthalene | 8.163 | 128 | 1285288 | 42.03 | ng | | 99 |
| 32) Benzoic acid | 7.945 | 122 | 240791 | 39.17 | ng | | 89 |
| 33) 4-Chloroaniline | 8.210 | 127 | 96182 | 7.73 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.275 | 225 | 222704 | 42.20 | ng | | 99 |
| 35) Caprolactam | 8.598 | 113 | 132844m | 46.01 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 457435 | 44.72 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.851 | 142 | 879969 | 43.20 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.951 | 142 | 810374 | 42.53 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.022 | 216 | 384634 | 44.79 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 9.004 | 237 | 213840 | 53.15 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.134 | 196 | 259955 | 42.68 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.181 | 196 | 276775 | 42.47 | ng | # | 87 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 1060466 | 44.48 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.345 | 162 | 808823 | 43.00 | ng | | 98 |
| 48) 2-Nitroaniline | 9.445 | 65 | 319722 | 47.44 | ng | # | 81 |
| 49) Acenaphthylene | 9.763 | 152 | 1231899 | 43.18 | ng | | 99 |
| 50) Dimethylphthalate | 9.622 | 163 | 1037007 | 48.25 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 218115 | 44.04 | ng | # | 77 |
| 52) Acenaphthene | 9.933 | 154 | 886931m | 45.08 | ng | | |
| 53) 3-Nitroaniline | 9.857 | 138 | 110302 | 20.07 | ng | | 83 |
| 54) 2,4-Dinitrophenol | 9.969 | 184 | 158181 | 60.80 | ng | | 88 |
| 55) Dibenzofuran | 10.104 | 168 | 1119880 | 42.05 | ng | | 93 |
| 56) 4-Nitrophenol | 10.033 | 139 | 346225 | 79.04 | ng | # | 61 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 295160 | 44.32 | ng | # | 78 |
| 58) Fluorene | 10.451 | 166 | 895124 | 42.70 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232 | 227931 | 43.83 | ng | # | 84 |
| 60) Diethylphthalate | 10.322 | 149 | 996128 | 46.81 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 435962 | 43.69 | ng | | 93 |
| 62) 4-Nitroaniline | 10.475 | 138 | 211948 | 38.30 | ng | | 84 |
| 63) Azobenzene | 10.604 | 77 | 1061192 | 43.28 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 121975 | 34.57 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 794986 | 43.86 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 257308 | 45.03 | ng | | 96 |
| 68) Hexachlorobenzene | 11.004 | 284 | 268727 | 44.65 | ng | | 96 |
| 69) Atrazine | 11.092 | 200 | 235623 | 41.14 | ng | | 97 |
| 70) Pentachlorophenol | 11.198 | 266 | 298623 | 78.57 | ng | | 99 |
| 71) Phenanthrene | 11.416 | 178 | 1340150 | 43.24 | ng | | 99 |
| 72) Anthracene | 11.469 | 178 | 1360380 | 43.99 | ng | | 100 |
| 73) Carbazole | 11.627 | 167 | 1194657 | 41.02 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 1560505 | 47.92 | ng | | 99 |
| 75) Fluoranthene | 12.610 | 202 | 1389875 | 42.31 | ng | | 99 |
| 77) Benzidine | 12.727 | 184 | 385414 | 35.67 | ng | | 100 |
| 78) Pyrene | 12.839 | 202 | 1350105 | 51.70 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 642937 | 58.24 | ng | | 93 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 995439 | 43.79 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 255818 | 33.85 | ng | # | 96 |
| 83) Chrysene | 14.074 | 228 | 968186 | 43.36 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 1226175 | 80.68 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 1380273 | 53.16 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 986874 | 48.42 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 929559 | 44.88 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 833104 | 44.37 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.457 | 252 | 806604 | 43.68 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.027 | 278 | 817128 | 46.73 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 794331 | 49.33 | ng | | 98 |

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

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