Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125743.D
Acq On : 1 Oct 2021 9:53
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
10/4/2021 11:53:21 AM

Quant Time: Oct 01 10:59:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.893 | 152 | 251096 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 987735 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 498321 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 776279 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 392693 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 445028 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 1180280 | 77.44 | ng | | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 1563399 | 76.30 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 1302609 | 91.99 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 400093 | 86.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 2335285 | 84.06 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 1817468 | 80.15 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.675 | 88 | 249750 | 38.51 | ng | # | 100 |
| 3) Pyridine | 3.434 | 79 | 673723 | 39.27 | ng | # | 70 |
| 4) n-Nitrosodimethylamine | 3.393 | 42 | 240006 | 37.70 | ng | # | 1 |
| 6) Aniline | 6.551 | 93 | 907390 | 38.35 | ng | | 94 |
| 8) 2-Chlorophenol | 6.675 | 128 | 698631 | 40.41 | ng | | 99 |
| 9) Benzaldehyde | 6.440 | 77 | 402375 | 43.91 | ng | | 94 |
| 10) Phenol | 6.528 | 94 | 800558 | 38.65 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 617583 | 38.37 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 725532m | 38.01 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 744304 | 38.32 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 693888 | 37.87 | ng | | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 544826 | 38.33 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 769921 | 37.58 | ng | | 87 |
| 17) 2-Methylphenol | 7.140 | 107 | 549077 | 38.73 | ng | | 97 |
| 18) Hexachloroethane | 7.404 | 117 | 257069 | 40.78 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 426340 | 36.55 | ng | # | 67 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 659446 | 37.00 | ng | | 96 |
| 22) Acetophenone | 7.298 | 105 | 844898 | 37.70 | ng | # | 91 |
| 24) Nitrobenzene | 7.475 | 77 | 668450 | 46.40 | ng | | 95 |
| 25) Isophorone | 7.710 | 82 | 1210105 | 38.16 | ng | | 94 |
| 26) 2-Nitrophenol | 7.787 | 139 | 359881 | 47.67 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 566835 | 40.19 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 706167 | 39.48 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 588500 | 42.00 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 600507 | 39.37 | ng | | 97 |
| 31) Naphthalene | 8.198 | 128 | 1930415 | 38.06 | ng | | 99 |
| 32) Benzoic acid | 7.934 | 122 | 409750 | 41.14 | ng | | 99 |
| 33) 4-Chloroaniline | 8.239 | 127 | 806046 | 37.89 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 334465 | 39.77 | ng | | 100 |
| 35) Caprolactam | 8.616 | 113 | 167480 | 36.63 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 569509 | 38.79 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 1299287 | 37.77 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 1221028 | 37.56 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 534425 | 41.24 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 248801 | 45.37 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 403467 | 44.39 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 436044 | 44.44 | ng | | 92 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 1456698 | 39.64 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 1212636 | 39.86 | ng | | 98 |
| 48) 2-Nitroaniline | 9.463 | 65 | 317123 | 44.52 | ng | | 95 |
| 49) Acenaphthylene | 9.792 | 152 | 1797456 | 39.25 | ng | | 98 |
| 50) Dimethylphthalate | 9.651 | 163 | 1331640 | 39.67 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 313181 | 45.98 | ng | # | 85 |
| 52) Acenaphthene | 9.963 | 154 | 1136846 | 39.59 | ng | | 98 |
| 53) 3-Nitroaniline | 9.875 | 138 | 327785 | 42.39 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 118844 | 46.86 | ng | # | 68 |
| 55) Dibenzofuran | 10.133 | 168 | 1650798 | 38.32 | ng | | 95 |
| 56) 4-Nitrophenol | 10.028 | 139 | 244935 | 39.61 | ng | # | 83 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 392245 | 46.19 | ng | # | 82 |
| 58) Fluorene | 10.475 | 166 | 1212707 | 36.17 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 323638 | 42.86 | ng | # | 87 |
| 60) Diethylphthalate | 10.345 | 149 | 1223977 | 37.82 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 549248 | 36.85 | ng | | 87 |
| 62) 4-Nitroaniline | 10.486 | 138 | 291004 | 38.44 | ng | # | 76 |
| 63) Azobenzene | 10.628 | 77 | 1178320 | 37.71 | ng | # | 83 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 183011 | 48.35 | ng | # | 80 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 1100068 | 41.28 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 346615 | 42.55 | ng | | 96 |
| 68) Hexachlorobenzene | 11.028 | 284 | 396872 | 41.51 | ng | # | 80 |
| 69) Atrazine | 11.110 | 200 | 302039 | 42.75 | ng | | 92 |
| 70) Pentachlorophenol | 11.216 | 266 | 226780 | 44.88 | ng | | 95 |
| 71) Phenanthrene | 11.439 | 178 | 1670252 | 38.37 | ng | | 97 |
| 72) Anthracene | 11.486 | 178 | 1666948 | 38.75 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 1551418 | 36.65 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 1592047 | 37.30 | ng | | 99 |
| 75) Fluoranthene | 12.622 | 202 | 1494808 | 32.13 | ng | | 96 |
| 77) Benzidine | 12.739 | 184 | 522212 | 50.62 | ng | | 97 |
| 78) Pyrene | 12.851 | 202 | 1485650 | 41.86 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 479433 | 40.80 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 1056019 | 39.59 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 334232 | 43.42 | ng | | 98 |
| 83) Chrysene | 14.074 | 228 | 1049459 | 39.20 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 549718 | 40.86 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 1007528 | 51.06 | ng | # | 88 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 1301537 | 43.08 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 1122727 | 36.01 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 1099752m | 36.81 | ng | | |
| 90) Benzo(a)pyrene | 15.463 | 252 | 1071383 | 38.60 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278 | 1080199 | 42.78 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 1121951 | 43.51 | ng | | 93 |

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

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