Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118558.D
Acq On : 17 Jan 2020 13:26
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED

Quant Time: Jan 17 15:51:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:09:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) | |
|---|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 448710 | 20.00 | ng | | 0.00 | |
| 21) Naphthalene-d8 | 8.18 | 136 | 1522725 | 20.00 | ng | | 0.00 | |
| 39) Acenaphthene-d10 | 9.93 | 164 | 838450 | 20.00 | ng | | 0.00 | |
| 64) Phenanthrene-d10 | 11.42 | 188 | 1448520 | 20.00 | ng | | 0.00 | |
| 76) Chrysene-d12 | 14.06 | 240 | 862912 | 20.00 | ng | | 0.00 | |
| 87) Perylene-d12 | 15.53 | 264 | 895072 | 20.00 | ng | | 0.00 | mohammad |
| **System Monitoring Compounds** | | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 3990711 | 152.25 | ng | | 0.01 | |
| 7) Phenol-d6 | 6.53 | 99 | 5240050 | 166.16 | ng | | 0.02 | |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 4920418 | 197.88 | ng | | 0.01 | 1/21/2020 7:58:28 AM |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 1688469 | 166.03 | ng | | 0.01 | |
| 45) 2-Fluorobiphenyl | 0.00 | 172 | 0d | 0.00 | ng | | | |
| 79) Terphenyl-d14 | 13.00 | 244 | 6990323 | 134.25 | ng | | 0.00 | |
| **Target Compounds** | | | | | | | Qvalue | |
| 2) 1,4-Dioxane | 2.68 | 88 | 1051033 | 98.573 | ng | | 99 | |
| 3) Pyridine | 3.45 | 79 | 2906101 | 103.276 | ng | | 99 | |
| 4) n-Nitrosodimethylamine | 3.41 | 42 | 1340858 | 137.317 | ng | | 98 | |
| 6) Aniline | 6.56 | 93 | 3605105m | 90.605 | ng | | | |
| 8) 2-Chlorophenol | 6.69 | 128 | 2329001 | 79.267 | ng | | 98 | |
| 9) Benzaldehyde | 6.44 | 77 | 1032740 | 70.317 | ng | | 99 | |
| 10) Phenol | 6.55 | 94 | 2980988 | 84.067 | ng | | 84 | |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 2376541 | 89.144 | ng | | 98 | |
| 12) 1,3-Dichlorobenzene | 6.84 | 146 | 2703819 | 79.398 | ng | | 98 | |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 2679432 | 78.523 | ng | | 98 | |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 2372009 | 75.032 | ng | | 97 | |
| 15) Benzyl Alcohol | 7.04 | 79 | 2120497 | 94.341 | ng | | 98 | |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 3348653 | 121.305 | ng | | 97 | |
| 17) 2-Methylphenol | 7.15 | 107 | 2048719 | 89.361 | ng | | 100 | |
| 18) Hexachloroethane | 7.42 | 117 | 1018021 | 84.078 | ng | | 94 | |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70 | 1908074 | 104.592 | ng | | 98 | |
| 20) 3+4-Methylphenols | 7.31 | 107 | 2150917 | 72.065 | ng | # | 89 | |
| 22) Acetophenone | 7.32 | 105 | 3067208 | 86.826 | ng | | 98 | |
| 24) Nitrobenzene | 7.49 | 77 | 2535939 | 102.602 | ng | | 96 | |
| 25) Isophorone | 7.73 | 82 | 4848240 | 108.199 | ng | | 99 | |
| 26) 2-Nitrophenol | 7.79 | 139 | 1218915 | 84.051 | ng | | 98 | |
| 27) 2,4-Dimethylphenol | 7.83 | 122 | 1989635 | 102.779 | ng | | 99 | |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 3000054 | 97.123 | ng | | 98 | |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 2172766 | 96.486 | ng | | 99 | |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 2388405 | 93.182 | ng | | 99 | |
| 31) Naphthalene | 8.20 | 128 | 5699513 | 74.611 | ng | | 93 | |
| 32) Benzoic acid | 8.00 | 122 | 1620791 | 115.951 | ng | | 94 | |
| 33) 4-Chloroaniline | 8.25 | 127 | 3030119 | 93.221 | ng | | 99 | |
| 34) Hexachlorobutadiene | 8.32 | 225 | 1473614 | 97.859 | ng | | 98 | |
| 35) Caprolactam | 8.66 | 113 | 746060m | 107.505 | ng | | | |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 2091779 | 90.002 | ng | | 96 | |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 4114675 | 80.575 | ng | | 98 | |
| 38) 1-Methylnaphthalene | 8.99 | 142 | 3921717 | 80.991 | ng | | 99 | |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 2264125 | 88.062 | ng | | 99 | |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118558.D
Acq On : 17 Jan 2020 13:26
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED

Quant Time: Jan 17 15:51:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:09:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) | |
|---|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.05 | 237 | 1314117 | 338.191 | ng | | 97 | |
| 43) 2,4,6-Trichlorophenol | 9.17 | 196 | 1645181 | 98.814 | ng | | 99 | |
| 44) 2,4,5-Trichlorophenol | 9.21 | 196 | 1615578 | 97.166 | ng | | 99 | |
| 46) 1,1'-Biphenyl | 9.36 | 154 | 4677086 | 70.400 | ng | | 94 | |
| 47) 2-Chloronaphthalene | 9.39 | 162 | 4218428 | 79.084 | ng | | 92 | |
| 48) 2-Nitroaniline | 9.47 | 65 | 1430924 | 99.886 | ng | | 95 | mohammad |
| 49) Acenaphthylene | 9.80 | 152 | 5709784 | 73.462 | ng | | 94 | |
| 50) Dimethylphthalate | 9.67 | 163 | 4982404 | 80.511 | ng | | 97 | |
| 51) 2,6-Dinitrotoluene | 9.72 | 165 | 1194275 | 87.768 | ng | | 99 | |
| 52) Acenaphthene | 9.97 | 154 | 3912536 | 81.817 | ng | | 98 | |
| 53) 3-Nitroaniline | 9.89 | 138 | 1296992 | 82.407 | ng | # | 95 | 1/21/2020 7:58:28 AM |
| 54) 2,4-Dinitrophenol | 9.99 | 184 | 500335 | 98.452 | ng | # | 1 | |
| 55) Dibenzofuran | 10.15 | 168 | 5298763 | 76.364 | ng | | 89 | |
| 56) 4-Nitrophenol | 10.04 | 139 | 996108 | 138.079 | ng | | 95 | |
| 57) 2,4-Dinitrotoluene | 10.13 | 165 | 1515165 | 87.113 | ng | | 91 | |
| 58) Fluorene | 10.49 | 166 | 3893064 | 69.069 | ng | | 99 | |
| 59) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 1345707 | 98.971 | ng | | 99 | |
| 60) Diethylphthalate | 10.36 | 149 | 4605797 | 74.693 | ng | | 93 | |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204 | 2172366 | 76.606 | ng | | 96 | |
| 62) 4-Nitroaniline | 10.52 | 138 | 1271122 | 81.787 | ng | | 96 | |
| 63) Azobenzene | 10.64 | 77 | 4370590 | 85.573 | ng | | 93 | |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198 | 681188 | 89.123 | ng | | 83 | |
| 66) n-Nitrosodiphenylamine | 10.60 | 169 | 3996629 | 84.037 | ng | | 96 | |
| 67) 4-Bromophenyl-phenylether | 10.97 | 248 | 1728835 | 99.008 | ng | | 97 | |
| 68) Hexachlorobenzene | 11.04 | 284 | 1892587 | 91.413 | ng | | 95 | |
| 70) Pentachlorophenol | 11.22 | 266 | 1008156 | 176.440 | ng | | 99 | |
| 71) Phenanthrene | 11.45 | 178 | 5708451 | 73.208 | ng | | 95 | |
| 72) Anthracene | 11.50 | 178 | 5682793 | 73.122 | ng | | 95 | |
| 73) Carbazole | 11.65 | 167 | 5220778 | 75.194 | ng | | 96 | |
| 77) Benzidine | 12.75 | 184 | 1510338 | 78.417 | ng | # | 95 | |
| 78) Pyrene | 12.86 | 202 | 5764553 | 79.059 | ng | | 94 | |
| 80) Butylbenzylphthalate | 13.47 | 149 | 2593612 | 79.463 | ng | | 95 | |
| 81) Benzo(a)anthracene | 14.05 | 228 | 4581704 | 76.600 | ng | | 96 | |
| 82) 3,3'-Dichlorobenzidine | 14.00 | 252 | 1535774 | 75.622 | ng | | 98 | |
| 83) Chrysene | 14.09 | 228 | 4536148 | 79.124 | ng | | 96 | |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 2961926 | 67.923 | ng | # | 96 | |
| 85) Di-n-octyl phthalate | 14.65 | 149 | 4669899 | 71.573 | ng | | 99 | |
| 86) Indeno(1,2,3-cd)pyrene | 17.03 | 276 | 6258834 | 116.178 | ng | | 99 | |
| 88) Benzo(b)fluoranthene | 15.10 | 252 | 5127155 | 89.380 | ng | | 98 | |
| 89) Benzo(k)fluoranthene | 15.13 | 252 | 4392161 | 84.527 | ng | | 96 | |
| 90) Benzo(a)pyrene | 15.47 | 252 | 4571952 | 89.439 | ng | | 96 | |
| 91) Dibenzo(a,h)anthracene | 17.05 | 278 | 4993919 | 107.591 | ng | | 98 | |
| 92) Benzo(g,h,i)perylene | 17.48 | 276 | 5059311 | 112.043 | ng | | 98 | |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118558.D
Acq On : 17 Jan 2020 13:26
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 17 15:51:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:09:51 2020
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC100

**Manual Integrations APPROVED**