Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117007.D
Acq On : 12 Sep 2019 22:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:58 AM

Quant Time: Sep 13 08:36:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 59336 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 249661 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 130625 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.34 | 188 | 212755 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 142666 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.42 | 264 | 125537 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 284027 | 77.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 365078 | 75.91 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 355465 | 81.28 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 82868 | 94.90 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 647763 | 83.65 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 607703 | 78.80 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.49 | 88 | 53889 | 31.873 | ng | | 99 |
| 3) Pyridine | 3.24 | 79 | 157130 | 32.098 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.18 | 42 | 51975m | 30.919 | ng | | |
| 6) Aniline | 6.49 | 93 | 236022 | 35.432 | ng | | 99 |
| 8) 2-Chlorophenol | 6.62 | 128 | 154438 | 38.627 | ng | | 93 |
| 9) Benzaldehyde | 6.37 | 77 | 105497 | 33.296 | ng | | 97 |
| 10) Phenol | 6.47 | 94 | 199912 | 37.538 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.56 | 93 | 145762 | 35.151 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 172996 | 38.283 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 176867 | 39.314 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 168027 | 40.302 | ng | | 99 |
| 15) Benzyl Alcohol | 6.97 | 79 | 145074 | 37.161 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45 | 148828 | 30.591 | ng | | 100 |
| 17) 2-Methylphenol | 7.08 | 107 | 128458 | 36.702 | ng | | 98 |
| 18) Hexachloroethane | 7.34 | 117 | 58237 | 33.319 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70 | 113527 | 35.851 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.23 | 107 | 165066 | 40.561 | ng | # | 87 |
| 22) Acetophenone | 7.23 | 105 | 239916 | 39.915 | ng | # | 96 |
| 24) Nitrobenzene | 7.41 | 77 | 175305 | 39.413 | ng | | 100 |
| 25) Isophorone | 7.65 | 82 | 309883 | 34.968 | ng | | 100 |
| 26) 2-Nitrophenol | 7.72 | 139 | 70986 | 42.927 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 119880 | 35.896 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 198674 | 36.687 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.96 | 162 | 128670 | 40.090 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.05 | 180 | 137250 | 39.427 | ng | | 98 |
| 31) Naphthalene | 8.13 | 128 | 454055 | 38.247 | ng | | 99 |
| 32) Benzoic acid | 7.87 | 122 | 74553 | 39.536 | ng | | 91 |
| 33) 4-Chloroaniline | 8.17 | 127 | 201886 | 37.359 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.25 | 225 | 79113 | 41.680 | ng | | 99 |
| 35) Caprolactam | 8.53 | 113 | 41587 | 34.623 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 149162 | 40.437 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 312373 | 39.547 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 292985 | 39.293 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 129238 | 41.273 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.97 | 237 | 5176 | 2.862 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.10 | 196 | 88258 | 41.117 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.14 | 196 | 92247 | 41.395 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.28 | 154 | 385075 | 38.850 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.30 | 162 | 302515 | 38.534 | ng | | 97 |
| 48) 2-Nitroaniline | 9.40 | 65 | 97132 | 42.796 | ng | | 99 |
| 49) Acenaphthylene | 9.72 | 152 | 461214 | 38.864 | ng | | 99 |
| 50) Dimethylphthalate | 9.57 | 163 | 353196 | 39.164 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.64 | 165 | 68169 | 39.619 | ng | | 89 |
| 52) Acenaphthene | 9.89 | 154 | 278231 | 38.157 | ng | | 99 |
| 53) 3-Nitroaniline | 9.81 | 138 | 92019 | 42.675 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.92 | 184 | 2688 | 12.946 | ng | # | 65 |
| 55) Dibenzofuran | 10.06 | 168 | 409444 | 39.832 | ng | | 97 |
| 56) 4-Nitrophenol | 9.97 | 139 | 55968 | 37.854 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 10.05 | 165 | 90099 | 42.825 | ng | | 95 |
| 58) Fluorene | 10.40 | 166 | 328179 | 41.901 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.18 | 232 | 68366 | 42.508 | ng | | 99 |
| 60) Diethylphthalate | 10.27 | 149 | 368107 | 40.748 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204 | 147309 | 42.950 | ng | | 94 |
| 62) 4-Nitroaniline | 10.42 | 138 | 96179 | 45.961 | ng | | 96 |
| 63) Azobenzene | 10.56 | 77 | 362345 | 38.467 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 5649 | 13.541 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 10.51 | 169 | 289851 | 39.382 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.88 | 248 | 88468 | 40.933 | ng | | 92 |
| 68) Hexachlorobenzene | 10.96 | 284 | 90912 | 40.204 | ng | | 97 |
| 69) Atrazine | 11.03 | 200 | 76273 | 37.002 | ng | | 97 |
| 70) Pentachlorophenol | 11.15 | 266 | 39789 | 36.374 | ng | | 99 |
| 71) Phenanthrene | 11.36 | 178 | 456426 | 38.539 | ng | | 99 |
| 72) Anthracene | 11.42 | 178 | 466933 | 39.166 | ng | | 100 |
| 73) Carbazole | 11.57 | 167 | 428053 | 37.693 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.90 | 149 | 613148 | 42.116 | ng | | 99 |
| 75) Fluoranthene | 12.55 | 202 | 439067 | 37.724 | ng | | 99 |
| 77) Benzidine | 12.67 | 184 | 207585 | 37.097 | ng | | 99 |
| 78) Pyrene | 12.78 | 202 | 438571 | 34.582 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.39 | 149 | 236037 | 38.272 | ng | | 93 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 353211 | 39.118 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.92 | 252 | 124911 | 40.936 | ng | | 98 |
| 83) Chrysene | 14.00 | 228 | 355383 | 38.203 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 327184 | 42.977 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.56 | 149 | 533773 | 42.844 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.86 | 276 | 238025 | 31.856 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 296428 | 39.056 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 285967 | 41.324 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.36 | 252 | 255840 | 38.745 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.87 | 278 | 197469 | 34.165 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.29 | 276 | 179273 | 30.413 | ng | | 98 |

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

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