Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097548.D
Acq On : 10 Aug 2017 8:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:08:09 PM

Quant Time: Aug 10 14:03:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.40 | 152 | 90365 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.68 | 136 | 372409 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.42 | 164 | 176510 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 10.90 | 188 | 249170 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.52 | 240 | 134686 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 14.86 | 264 | 163508 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.99 | 112 | 565182 | 94.28 | ng | | -0.02 |
| 7) Phenol-d6 | 6.07 | 99 | 596298 | 87.14 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 6.97 | 82 | 492800 | 77.63 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.22 | 330 | 99681 | 71.48 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.76 | 172 | 841728 | 80.93 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.48 | 244 | 555880 | 84.15 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.86 | 88 | 96575 | 38.607 | ng | # | 73 |
| 3) Pyridine | 2.45 | 79 | 299336 | 39.078 | ng | # | 60 |
| 4) n-Nitrosodimethylamine | 2.42 | 42 | 171703 | 40.462 | ng | | 81 |
| 6) Aniline | 6.06 | 93 | 392926 | 45.628 | ng | | 97 |
| 8) 2-Chlorophenol | 6.19 | 128 | 288891 | 45.071 | ng | | 91 |
| 9) Benzaldehyde | 5.95 | 77 | 223349 | 55.140 | ng | | 96 |
| 10) Phenol | 6.09 | 94 | 367002 | 45.213 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.15 | 93 | 281300 | 43.816 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.33 | 146 | 298531 | 43.218 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.42 | 146 | 292126 | 42.674 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.57 | 146 | 246513 | 41.243 | ng | | 98 |
| 15) Benzyl Alcohol | 6.57 | 79 | 194843 | 44.970 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.69 | 45 | 508176 | 39.465 | ng | | 86 |
| 17) 2-Methylphenol | 6.69 | 107 | 199617 | 40.352 | ng | # | 88 |
| 18) Hexachloroethane | 6.90 | 117 | 97773 | 39.041 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 6.83 | 70 | 185965 | 41.284 | ng | # | 81 |
| 20) 3+4-Methylphenols | 6.85 | 107 | 279846 | 43.313 | ng | # | 61 |
| 22) Acetophenone | 6.82 | 105 | 355664 | 39.769 | ng | # | 99 |
| 24) Nitrobenzene | 6.99 | 77 | 270132 | 40.858 | ng | | 93 |
| 25) Isophorone | 7.24 | 82 | 532875 | 42.863 | ng | | 97 |
| 26) 2-Nitrophenol | 7.31 | 139 | 159796 | 44.674 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.37 | 122 | 250844 | 42.512 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.45 | 93 | 319218 | 39.347 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.57 | 162 | 216221 | 42.537 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.63 | 180 | 192899 | 39.813 | ng | | 98 |
| 31) Naphthalene | 7.70 | 128 | 769650 | 43.842 | ng | | 100 |
| 32) Benzoic acid | 7.56 | 122 | 139378 | 31.634 | ng | | 91 |
| 33) 4-Chloroaniline | 7.77 | 127 | 326442 | 45.701 | ng | | 99 |
| 34) Hexachlorobutadiene | 7.83 | 225 | 111264 | 43.317 | ng | | 97 |
| 35) Caprolactam | 8.15 | 113 | 72590m | 44.535 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.28 | 107 | 253423 | 45.698 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.39 | 142 | 483524 | 43.502 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.56 | 216 | 189298 | 40.193 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.55 | 237 | 12628 | 13.627 | ng | | 92 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.69 | 196 | 132786 | 38.906 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.75 | 196 | 123598 | 36.180 | ng | | 95 |
| 45) 1,1'-Biphenyl | 8.86 | 154 | 626876 | 41.580 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.88 | 162 | 454122 | 40.932 | ng | # | 92 |
| 47) 2-Nitroaniline | 8.99 | 65 | 178350 | 44.296 | ng | | 97 |
| 48) Acenaphthylene | 9.29 | 152 | 692931 | 40.691 | ng | | 98 |
| 49) Dimethylphthalate | 9.17 | 163 | 559638 | 41.752 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.24 | 165 | 114138 | 40.149 | ng | # | 79 |
| 51) Acenaphthene | 9.46 | 154 | 411080 | 40.982 | ng | | 100 |
| 52) 3-Nitroaniline | 9.40 | 138 | 143206 | 40.583 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.55 | 184 | 25797 | 19.958 | ng | # | 74 |
| 54) Dibenzofuran | 9.63 | 168 | 566546 | 42.403 | ng | | 93 |
| 55) 4-Nitrophenol | 9.61 | 139 | 61192m | 29.160 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.65 | 165 | 150553 | 46.067 | ng | # | 68 |
| 57) Fluorene | 9.97 | 166 | 414835 | 41.310 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.77 | 232 | 87151 | 36.948 | ng | # | 97 |
| 59) Diethylphthalate | 9.87 | 149 | 547925 | 44.557 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 9.97 | 204 | 179611 | 43.314 | ng | | 96 |
| 61) 4-Nitroaniline | 10.02 | 138 | 127715 | 38.091 | ng | | 93 |
| 62) Azobenzene | 10.13 | 77 | 492017 | 43.129 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 10.06 | 198 | 38624m | 24.946 | ng | | |
| 65) n-Nitrosodiphenylamine | 10.09 | 169 | 403219 | 46.509 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.45 | 248 | 114350 | 45.986 | ng | | 96 |
| 67) Hexachlorobenzene | 10.52 | 284 | 120074 | 43.060 | ng | # | 90 |
| 68) Atrazine | 10.63 | 200 | 105869 | 42.585 | ng | | 94 |
| 69) Pentachlorophenol | 10.73 | 266 | 74890m | 64.909 | ng | | |
| 70) Phenanthrene | 10.92 | 178 | 548838 | 41.110 | ng | | 100 |
| 71) Anthracene | 10.97 | 178 | 555127 | 40.597 | ng | | 98 |
| 72) Carbazole | 11.14 | 167 | 532241 | 39.578 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.48 | 149 | 756804 | 45.527 | ng | | 98 |
| 74) Fluoranthene | 12.10 | 202 | 441764 | 33.777 | ng | | 98 |
| 76) Benzidine | 12.24 | 184 | 143164 | 28.647 | ng | # | 93 |
| 77) Pyrene | 12.33 | 202 | 455138 | 41.277 | ng | | 97 |
| 79) Butylbenzylphthalate | 12.96 | 149 | 242917 | 43.310 | ng | # | 78 |
| 80) Benzo(a)anthracene | 13.51 | 228 | 343558 | 39.423 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.48 | 252 | 133407 | 40.594 | ng | # | 97 |
| 82) Chrysene | 13.55 | 228 | 381640 | 44.848 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.52 | 149 | 299173 | 40.853 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.13 | 149 | 616964 | 45.909 | ng | # | 91 |
| 85) Indeno(1,2,3-cd)pyrene | 16.04 | 276 | 314836 | 43.147 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.52 | 252 | 413746 | 42.095 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 14.54 | 252 | 336644m | 35.943 | ng | | |
| 89) Benzo(a)pyrene | 14.81 | 252 | 360246 | 40.047 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.04 | 278 | 264066 | 35.797 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.39 | 276 | 257184 | 33.246 | ng | | 98 |

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

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