Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088189.D
Acq On : 20 Jun 2016 23:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/21/2016 4:22:52 PM

Quant Time: Jun 21 01:47:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.67 | 152 | 81430 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.95 | 136 | 336136 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.70 | 164 | 156513 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.18 | 188 | 288484 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.81 | 240 | 215258 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.18 | 264 | 186595 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 385202 | 80.87 | ng | | 0.00 |
| 7) Phenol-d6 | 6.32 | 99 | 431767 | 74.79 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.24 | 82 | 443377 | 77.02 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 106658 | 64.54 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.03 | 172 | 806975 | 80.72 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.77 | 244 | 765021 | 80.87 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.12 | 88 | 101607 | 43.90 | ng | # | 43 |
| 3) Pyridine | 2.79 | 79 | 207021 | 37.88 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 2.74 | 42 | 86798 | 37.50 | ng | | 79 |
| 6) Aniline | 6.33 | 93 | 282470 | 34.38 | ng | # | 67 |
| 8) 2-Chlorophenol | 6.46 | 128 | 232802 | 41.29 | ng | | 88 |
| 9) Benzaldehyde | 6.22 | 77 | 132064 | 34.94 | ng | | 99 |
| 10) Phenol | 6.34 | 94 | 246104 | 41.07 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.41 | 93 | 201300 | 39.77 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 6.60 | 146 | 237181 | 39.21 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.68 | 146 | 248726 | 40.82 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.84 | 146 | 210414 | 37.97 | ng | | 99 |
| 15) Benzyl Alcohol | 6.82 | 79 | 148879 | 32.97 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45 | 235135 | 34.38 | ng | | 78 |
| 17) 2-Methylphenol | 6.95 | 107 | 179766 | 39.32 | ng | | 99 |
| 18) Hexachloroethane | 7.18 | 117 | 89060 | 41.19 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70 | 147585 | 39.96 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.11 | 107 | 228008 | 42.74 | ng | # | 74 |
| 22) Acetophenone | 7.08 | 105 | 292553 | 38.95 | ng | # | 96 |
| 24) Nitrobenzene | 7.26 | 77 | 201731 | 36.18 | ng | # | 87 |
| 25) Isophorone | 7.50 | 82 | 394818 | 37.03 | ng | | 98 |
| 26) 2-Nitrophenol | 7.58 | 139 | 122133 | 40.89 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 7.63 | 122 | 193809 | 35.24 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93 | 247763 | 37.47 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 7.83 | 162 | 183024 | 39.86 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 7.90 | 180 | 187768 | 37.55 | ng | | 98 |
| 31) Naphthalene | 7.98 | 128 | 641717 | 38.58 | ng | | 99 |
| 32) Benzoic acid | 7.76 | 122 | 66457 | 21.95 | ng | | 96 |
| 33) 4-Chloroaniline | 8.03 | 127 | 271973 | 36.62 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.09 | 225 | 98128 | 37.21 | ng | | 97 |
| 35) Caprolactam | 8.41 | 113 | 58995 | 38.79 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 8.54 | 107 | 187391 | 38.16 | ng | # | 82 |
| 37) 2-Methylnaphthalene | 8.66 | 142 | 406471 | 37.07 | ng | # | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 178370 | 43.20 | ng | # | 1 |
| 40) Hexachlorocyclopentadiene | 8.82 | 237 | 85915 | 34.03 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.96 | 196 | 109045 | 34.84 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.99 | 196 | 117367 | 36.04 | ng | # | 78 |
| 45) 1,1'-Biphenyl | 9.13 | 154 | 489183 | 41.10 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.15 | 162 | 393699 | 38.87 | ng | | 98 |
| 47) 2-Nitroaniline | 9.26 | 65 | 107638 | 36.03 | ng | | 92 |
| 48) Acenaphthylene | 9.56 | 152 | 582541 | 36.16 | ng | | 100 |
| 49) Dimethylphthalate | 9.44 | 163 | 448850 | 39.59 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.51 | 165 | 103199 | 39.75 | ng | # | 81 |
| 51) Acenaphthene | 9.74 | 154 | 362812 | 36.10 | ng | | 98 |
| 52) 3-Nitroaniline | 9.67 | 138 | 106010 | 35.38 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 9.78 | 184 | 45297 | 37.73 | ng | | 98 |
| 54) Dibenzofuran | 9.91 | 168 | 494727 | 35.74 | ng | # | 91 |
| 55) 4-Nitrophenol | 9.85 | 139 | 90709 | 39.01 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 9.91 | 165 | 123596 | 37.04 | ng | # | 71 |
| 57) Fluorene | 10.25 | 166 | 421331 | 45.05 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.03 | 232 | 95429 | 37.29 | ng | # | 59 |
| 59) Diethylphthalate | 10.14 | 149 | 482089 | 42.01 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.24 | 204 | 169141 | 36.75 | ng | | 89 |
| 61) 4-Nitroaniline | 10.28 | 138 | 125270 | 44.08 | ng | | 99 |
| 62) Azobenzene | 10.40 | 77 | 429779 | 37.87 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.32 | 198 | 51262 | 29.34 | ng | # | 58 |
| 65) n-Nitrosodiphenylamine | 10.36 | 169 | 374428 | 39.11 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.73 | 248 | 120287 | 38.87 | ng | # | 92 |
| 67) Hexachlorobenzene | 10.80 | 284 | 122844 | 38.20 | ng | # | 71 |
| 68) Atrazine | 10.89 | 200 | 106784 | 36.84 | ng | | 91 |
| 69) Pentachlorophenol | 10.99 | 266 | 59862 | 35.32 | ng | | 98 |
| 70) Phenanthrene | 11.20 | 178 | 599492 | 39.60 | ng | | 99 |
| 71) Anthracene | 11.26 | 178 | 616535 | 40.38 | ng | | 99 |
| 72) Carbazole | 11.42 | 167 | 575546 | 40.28 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.75 | 149 | 691481 | 38.23 | ng | | 99 |
| 74) Fluoranthene | 12.39 | 202 | 638767 | 39.98 | ng | | 97 |
| 76) Benzidine | 12.51 | 184 | 252181 | 42.31 | ng | | 99 |
| 77) Pyrene | 12.62 | 202 | 635904 | 39.81 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.23 | 149 | 292731 | 41.45 | ng | | 88 |
| 80) Benzo(a)anthracene | 13.79 | 228 | 451562 | 36.81 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.76 | 252 | 140137 | 42.48 | ng | # | 95 |
| 82) Chrysene | 13.84 | 228 | 496662 | 43.04 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149 | 360737 | 41.96 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.40 | 149 | 681888 | 48.81 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.47 | 276 | 419484 | 39.12 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 14.80 | 252 | 417581m | 32.11 | ng | | |
| 88) Benzo(k)fluoranthene | 14.83 | 252 | 445369m | 45.40 | ng | | |
| 89) Benzo(a)pyrene | 15.13 | 252 | 415106 | 39.45 | ng | # | 93 |
| 90) Dibenzo(a,h)anthracene | 16.47 | 278 | 348135 | 35.62 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.85 | 276 | 367588 | 36.57 | ng | | 97 |

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

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