Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091254.D
Acq On : 21 Nov 2016 20:25
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC010

Quant Time: Nov 22 00:22:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.57 | 152 | 219349 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.86 | 136 | 848143 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 452378 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 737084 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.71 | 240 | 657624 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.07 | 264 | 577528 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 243708 | 18.56 | ng | | 0.01 |
| 7) Phenol-d6 | 6.22 | 99 | 356936 | 20.29 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.14 | 82 | 326646 | 20.91 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 86041 | 21.01 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.93 | 172 | 622726 | 23.54 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.67 | 244 | 574031 | 21.67 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.00 | 88 | 62064 | 8.44 | ng | | 97 |
| 3) Pyridine | 2.65 | 79 | 132618 | 7.57 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 2.59 | 42 | 65277 | 9.00 | ng | | 95 |
| 6) Aniline | 6.24 | 93 | 194996 | 9.44 | ng | # | 73 |
| 8) 2-Chlorophenol | 6.35 | 128 | 149394 | 9.66 | ng | # | 79 |
| 9) Benzaldehyde | 6.12 | 77 | 91850 | 9.63 | ng | | 88 |
| 10) Phenol | 6.24 | 94 | 203553 | 10.29 | ng | # | 67 |
| 11) bis(2-Chloroethyl)ether | 6.30 | 93 | 148160 | 9.05 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.51 | 146 | 154384 | 9.75 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.59 | 146 | 166699 | 9.81 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.74 | 146 | 154911 | 10.08 | ng | | 97 |
| 15) Benzyl Alcohol | 6.74 | 79 | 125310 | 9.91 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.86 | 45 | 305855 | 12.50 | ng | | 93 |
| 17) 2-Methylphenol | 7.01 | 107 | 150057 | 11.77 | ng | | 96 |
| 18) Hexachloroethane | 7.08 | 117 | 59794 | 9.19 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 6.99 | 70 | 120090 | 9.88 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.01 | 107 | 150057 | 10.12 | ng | | 96 |
| 22) Acetophenone | 6.99 | 105 | 222334 | 11.37 | ng | # | 91 |
| 24) Nitrobenzene | 7.16 | 77 | 176292 | 10.47 | ng | | 93 |
| 25) Isophorone | 7.40 | 82 | 305731 | 10.24 | ng | | 97 |
| 26) 2-Nitrophenol | 7.48 | 139 | 70564 | 9.65 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 115288 | 9.74 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93 | 158905 | 9.86 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.73 | 162 | 118072 | 11.05 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.80 | 180 | 138167 | 11.68 | ng | | 99 |
| 31) Naphthalene | 7.88 | 128 | 425826 | 10.60 | ng | | 98 |
| 32) Benzoic acid | 7.66 | 122 | 51814 | 6.30 | ng | | 94 |
| 33) 4-Chloroaniline | 7.95 | 127 | 159241 | 9.51 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 75596 | 11.60 | ng | | 98 |
| 35) Caprolactam | 8.29 | 113 | 33772 | 10.33 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 126765 | 10.08 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.57 | 142 | 286495 | 10.98 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 140762 | 12.35 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 14078 | 3.87 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 75138 | 10.16 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.91 | 196 | 87380 | 11.29 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 389393 | 11.95 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.06 | 162 | 280883 | 11.33 | ng | | 93 |
| 47) 2-Nitroaniline | 9.16 | 65 | 94923 | 10.35 | ng | # | 57 |
| 48) Acenaphthylene | 9.47 | 152 | 414498 | 10.68 | ng | | 98 |
| 49) Dimethylphthalate | 9.34 | 163 | 332068 | 11.18 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.40 | 165 | 66318 | 10.34 | ng | # | 79 |
| 51) Acenaphthene | 9.64 | 154 | 257270 | 10.50 | ng | | 99 |
| 52) 3-Nitroaniline | 9.58 | 138 | 71834 | 9.60 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 9.71 | 184 | 23623 | 7.74 | ng | # | 76 |
| 54) Dibenzofuran | 9.81 | 168 | 371065 | 11.25 | ng | | 94 |
| 55) 4-Nitrophenol | 9.79 | 139 | 10250m | 2.64 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.81 | 165 | 93230 | 11.86 | ng | # | 40 |
| 57) Fluorene | 10.16 | 166 | 300743 | 11.18 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.94 | 232 | 71605 | 11.75 | ng | | 97 |
| 59) Diethylphthalate | 10.04 | 149 | 318464 | 10.74 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.14 | 204 | 137829 | 11.44 | ng | # | 73 |
| 61) 4-Nitroaniline | 10.19 | 138 | 61165 | 8.14 | ng | | 92 |
| 62) Azobenzene | 10.30 | 77 | 365661 | 10.36 | ng | | 84 |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198 | 38496 | 8.48 | ng | # | 64 |
| 65) n-Nitrosodiphenylamine | 10.27 | 169 | 250952 | 10.76 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 89059 | 11.52 | ng | # | 88 |
| 67) Hexachlorobenzene | 10.69 | 284 | 90433 | 10.75 | ng | # | 66 |
| 68) Atrazine | 10.80 | 200 | 75513 | 11.61 | ng | | 96 |
| 69) Pentachlorophenol | 10.91 | 266 | 29230 | 7.94 | ng | | 97 |
| 70) Phenanthrene | 11.10 | 178 | 446253 | 11.66 | ng | | 99 |
| 71) Anthracene | 11.16 | 178 | 434903 | 10.44 | ng | | 98 |
| 72) Carbazole | 11.32 | 167 | 415726 | 11.12 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.66 | 149 | 459356 | 9.93 | ng | # | 98 |
| 74) Fluoranthene | 12.29 | 202 | 454404 | 11.02 | ng | | 97 |
| 76) Benzidine | 12.43 | 184 | 137925 | 9.35 | ng | | 97 |
| 77) Pyrene | 12.51 | 202 | 497077 | 11.19 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.15 | 149 | 193515 | 9.28 | ng | | 87 |
| 80) Benzo(a)anthracene | 13.70 | 228 | 397975 | 10.63 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.68 | 252 | 141789 | 10.65 | ng | | 99 |
| 82) Chrysene | 13.73 | 228 | 409797 | 11.00 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.71 | 149 | 268036 | 9.72 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.32 | 149 | 451806 | 9.94 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.31 | 276 | 320110 | 10.42 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.71 | 252 | 371439m | 9.89 | ng | | |
| 88) Benzo(k)fluoranthene | 14.73 | 252 | 351403m | 10.33 | ng | | |
| 89) Benzo(a)pyrene | 15.01 | 252 | 336242 | 10.13 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.31 | 278 | 266534 | 9.26 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.66 | 276 | 262779 | 9.93 | ng | # | 95 |

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

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