Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097019.D
Acq On : 25 Jul 2017 10:42
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC025

Quant Time: Jul 25 13:20:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 13:17:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.50 | 152 | 138998 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.79 | 136 | 593761 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.53 | 164 | 253968 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.00 | 188 | 410032 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.63 | 240 | 304003 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 14.97 | 264 | 267340 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.10 | 112 | 482546 | 52.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.16 | 99 | 543238 | 48.97 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.07 | 82 | 524530 | 54.72 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.32 | 330 | 105467 | 48.65 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.86 | 172 | 814626 | 50.68 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.59 | 244 | 697421 | 39.79 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.05 | 88 | 96996 | 20.391 | ng | # | 74 |
| 3) Pyridine | 2.66 | 79 | 280709 | 28.080 | ng | # | 64 |
| 4) n-Nitrosodimethylamine | 2.61 | 42 | 155363 | 27.791 | ng | | 83 |
| 6) Aniline | 6.16 | 93 | 340782 | 24.939 | ng | # | 76 |
| 8) 2-Chlorophenol | 6.29 | 128 | 267845 | 26.857 | ng | | 92 |
| 9) Benzaldehyde | 6.04 | 77 | 173757 | 27.099 | ng | | 94 |
| 10) Phenol | 6.17 | 94 | 327148 | 26.087 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.25 | 93 | 269423 | 28.569 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.44 | 146 | 279760 | 26.390 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.52 | 146 | 278131 | 25.907 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.67 | 146 | 255716 | 26.188 | ng | | 98 |
| 15) Benzyl Alcohol | 6.66 | 79 | 181693 | 25.016 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.79 | 45 | 528907 | 27.176 | ng | | 97 |
| 17) 2-Methylphenol | 6.78 | 107 | 198923 | 25.650 | ng | | 93 |
| 18) Hexachloroethane | 7.01 | 117 | 102385 | 26.895 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 6.93 | 70 | 194272 | 29.068 | ng | # | 83 |
| 20) 3+4-Methylphenols | 6.94 | 107 | 279933 | 29.746 | ng | # | 63 |
| 22) Acetophenone | 6.92 | 105 | 374650 | 28.231 | ng | | 98 |
| 24) Nitrobenzene | 7.09 | 77 | 273819 | 27.619 | ng | | 95 |
| 25) Isophorone | 7.33 | 82 | 510583 | 28.632 | ng | | 97 |
| 26) 2-Nitrophenol | 7.40 | 139 | 144917 | 26.288 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.46 | 122 | 234458 | 25.853 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.55 | 93 | 323166 | 26.819 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.66 | 162 | 208716 | 25.425 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.73 | 180 | 196693 | 25.200 | ng | | 98 |
| 31) Naphthalene | 7.80 | 128 | 716201 | 25.462 | ng | | 100 |
| 32) Benzoic acid | 7.61 | 122 | 180060 | 31.064 | ng | | 95 |
| 33) 4-Chloroaniline | 7.86 | 127 | 286775 | 25.733 | ng | | 98 |
| 34) Hexachlorobutadiene | 7.93 | 225 | 100768 | 24.184 | ng | | 99 |
| 35) Caprolactam | 8.23 | 113 | 62741 | 23.853 | ng | # | 59 |
| 36) 4-Chloro-3-methylphenol | 8.36 | 107 | 214159 | 24.262 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.50 | 142 | 453510 | 25.290 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.66 | 216 | 176651 | 25.731 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.65 | 237 | 43721 | 19.162 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.79 | 196 | 125654 | 24.813 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.83 | 196 | 127246 | 24.914 | ng | | 96 |
| 45) 1,1'-Biphenyl | 8.96 | 154 | 559438 | 25.684 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.98 | 162 | 399351 | 24.899 | ng | # | 93 |
| 47) 2-Nitroaniline | 9.08 | 65 | 140508 | 25.486 | ng | | 98 |
| 48) Acenaphthylene | 9.39 | 152 | 650518 | 25.455 | ng | | 99 |
| 49) Dimethylphthalate | 9.27 | 163 | 475367 | 24.858 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.33 | 165 | 103172 | 24.909 | ng | # | 80 |
| 51) Acenaphthene | 9.56 | 154 | 367733 | 24.359 | ng | | 100 |
| 52) 3-Nitroaniline | 9.49 | 138 | 126146 | 25.708 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.61 | 184 | 43808 | 25.142 | ng | # | 76 |
| 54) Dibenzofuran | 9.73 | 168 | 500813 | 23.673 | ng | | 98 |
| 55) 4-Nitrophenol | 9.68 | 139 | 80789 | 22.536 | ng | # | 73 |
| 56) 2,4-Dinitrotoluene | 9.73 | 165 | 122547 | 23.024 | ng | # | 64 |
| 57) Fluorene | 10.07 | 166 | 401762 | 25.700 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.86 | 232 | 89502 | 25.268 | ng | # | 99 |
| 59) Diethylphthalate | 9.96 | 149 | 453965 | 24.385 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.07 | 204 | 167869 | 25.540 | ng | | 98 |
| 61) 4-Nitroaniline | 10.10 | 138 | 129005 | 27.997 | ng | | 92 |
| 62) Azobenzene | 10.23 | 77 | 423857 | 25.809 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.14 | 198 | 70406 | 27.348 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.19 | 169 | 366362 | 24.996 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.56 | 248 | 108055 | 25.812 | ng | | 97 |
| 67) Hexachlorobenzene | 10.62 | 284 | 118046 | 25.318 | ng | # | 86 |
| 68) Atrazine | 10.72 | 200 | 107582 | 25.763 | ng | | 92 |
| 69) Pentachlorophenol | 10.82 | 266 | 47195 | 20.953 | ng | | 99 |
| 70) Phenanthrene | 11.03 | 178 | 589420 | 26.438 | ng | | 99 |
| 71) Anthracene | 11.07 | 178 | 599892 | 26.612 | ng | | 99 |
| 72) Carbazole | 11.24 | 167 | 567975 | 26.019 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.58 | 149 | 730171 | 26.858 | ng | | 98 |
| 74) Fluoranthene | 12.20 | 202 | 570728 | 26.744 | ng | | 96 |
| 76) Benzidine | 12.33 | 184 | 285329 | 28.650 | ng | # | 94 |
| 77) Pyrene | 12.43 | 202 | 585335 | 21.216 | ng | | 97 |
| 79) Butylbenzylphthalate | 13.06 | 149 | 305255 | 23.286 | ng | # | 79 |
| 80) Benzo(a)anthracene | 13.62 | 228 | 474471 | 25.049 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.59 | 252 | 182099 | 26.734 | ng | # | 96 |
| 82) Chrysene | 13.65 | 228 | 449770 | 24.120 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149 | 393081 | 24.623 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.24 | 149 | 726816 | 27.543 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 16.20 | 276 | 370574 | 21.896 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.62 | 252 | 449407 | 27.873 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 14.64 | 252 | 396547 | 25.972 | ng | | 97 |
| 89) Benzo(a)pyrene | 14.92 | 252 | 385169 | 26.046 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.21 | 278 | 295786 | 21.737 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 16.56 | 276 | 306591 | 21.040 | ng | | 99 |

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

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