Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089934.D
Acq On : 31 Aug 2016 5:01
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
SOHIL
9/1/2016 11:51:59 AM

Quant Time: Aug 31 05:48:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 05:39:53 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.64 | 152 | 185003 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.93 | 136 | 747986 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.67 | 164 | 372124 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.14 | 188 | 739036 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.76 | 240 | 560804 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.10 | 264 | 460162 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 1233286 | 53.24 | ng | | 0.00 |
| 7) Phenol-d6 | 6.28 | 99 | 1523318 | 53.65 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.21 | 82 | 1411820 | 55.43 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 399735 | 56.55 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.00 | 172 | 2121817 | 46.98 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.73 | 244 | 2480047 | 54.31 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.10 | 88 | 314618 | 57.99 | ng | | 99 |
| 3) Pyridine | 2.73 | 79 | 925717 | 64.21 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 2.70 | 42 | 435484 | 60.32 | ng | | 100 |
| 6) Aniline | 6.31 | 93 | 1063205 | 55.12 | ng | # | 73 |
| 8) 2-Chlorophenol | 6.42 | 128 | 669697 | 52.81 | ng | | 91 |
| 9) Benzaldehyde | 6.18 | 77 | 521551 | 56.73 | ng | | 95 |
| 10) Phenol | 6.30 | 94 | 787972 | 47.73 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.39 | 93 | 730871 | 58.90 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.58 | 146 | 819952 | 57.60 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.66 | 146 | 823562m | 56.87 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.81 | 146 | 662798 | 51.65 | ng | | 98 |
| 15) Benzyl Alcohol | 6.79 | 79 | 492498 | 54.56 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.94 | 45 | 1356558 | 56.78 | ng | | 98 |
| 17) 2-Methylphenol | 6.91 | 107 | 583049 | 57.84 | ng | | 98 |
| 18) Hexachloroethane | 7.15 | 117 | 271952 | 54.90 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.08 | 70 | 499757 | 53.43 | ng | # | 93 |
| 20) 3+4-Methylphenols | 7.07 | 107 | 715361 | 58.84 | ng | # | 70 |
| 22) Acetophenone | 7.06 | 105 | 871682 | 52.73 | ng | # | 97 |
| 24) Nitrobenzene | 7.23 | 77 | 820106 | 60.92 | ng | | 91 |
| 25) Isophorone | 7.48 | 82 | 1484700 | 56.91 | ng | | 97 |
| 26) 2-Nitrophenol | 7.54 | 139 | 388646 | 59.99 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.60 | 122 | 725050 | 59.04 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93 | 807459 | 51.03 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.79 | 162 | 638679 | 58.32 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 7.87 | 180 | 691790 | 58.49 | ng | | 99 |
| 31) Naphthalene | 7.95 | 128 | 2111901 | 56.79 | ng | | 99 |
| 32) Benzoic acid | 7.76 | 122 | 565976 | 70.47 | ng | | 97 |
| 33) 4-Chloroaniline | 8.00 | 127 | 774366 | 51.91 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.08 | 225 | 388577 | 56.06 | ng | | 97 |
| 35) Caprolactam | 8.39 | 113 | 207040 | 60.85 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.49 | 107 | 619704 | 54.95 | ng | | 84 |
| 37) 2-Methylnaphthalene | 8.64 | 142 | 1370270 | 56.05 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 608307 | 55.34 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.80 | 237 | 370288 | 65.75 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.91 | 196 | 455832 | 60.45 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.96 | 196 | 444115 | 59.61 | ng | # | 86 |
| 45) 1,1'-Biphenyl | 9.11 | 154 | 1762537 | 57.57 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.12 | 162 | 1140978 | 53.84 | ng | | 98 |
| 47) 2-Nitroaniline | 9.22 | 65 | 466624 | 68.10 | ng | # | 85 |
| 48) Acenaphthylene | 9.53 | 152 | 1834641 | 52.61 | ng | | 100 |
| 49) Dimethylphthalate | 9.42 | 163 | 1489896 | 57.55 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.47 | 165 | 402801 | 65.60 | ng | # | 66 |
| 51) Acenaphthene | 9.70 | 154 | 1244322 | 55.31 | ng | | 100 |
| 52) 3-Nitroaniline | 9.63 | 138 | 402574 | 62.02 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.74 | 184 | 215243 | 86.49 | ng | # | 74 |
| 54) Dibenzofuran | 9.87 | 168 | 1505144 | 51.54 | ng | | 97 |
| 55) 4-Nitrophenol | 9.79 | 139 | 290240 | 55.75 | ng | # | 60 |
| 56) 2,4-Dinitrotoluene | 9.86 | 165 | 429215 | 56.01 | ng | # | 82 |
| 57) Fluorene | 10.22 | 166 | 1115429 | 49.90 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.00 | 232 | 388532 | 62.33 | ng | | 94 |
| 59) Diethylphthalate | 10.11 | 149 | 1519406 | 58.06 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204 | 567658 | 53.34 | ng | # | 90 |
| 61) 4-Nitroaniline | 10.25 | 138 | 432816 | 66.72 | ng | | 99 |
| 62) Azobenzene | 10.38 | 77 | 1501632 | 59.35 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.27 | 198 | 304514 | 67.89 | ng | | 81 |
| 65) n-Nitrosodiphenylamine | 10.33 | 169 | 1213830 | 53.72 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 389378 | 52.30 | ng | | 94 |
| 67) Hexachlorobenzene | 10.77 | 284 | 491515 | 56.76 | ng | # | 71 |
| 68) Atrazine | 10.87 | 200 | 411190 | 57.45 | ng | | 97 |
| 69) Pentachlorophenol | 10.95 | 266 | 281616 | 62.87 | ng | | 98 |
| 70) Phenanthrene | 11.17 | 178 | 1759851 | 49.00 | ng | | 99 |
| 71) Anthracene | 11.22 | 178 | 2175160 | 57.50 | ng | | 99 |
| 72) Carbazole | 11.37 | 167 | 1739990 | 50.32 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.73 | 149 | 2387366 | 56.88 | ng | | 99 |
| 74) Fluoranthene | 12.34 | 202 | 2020845 | 53.03 | ng | | 96 |
| 76) Benzidine | 12.47 | 184 | 1132945 | 54.69 | ng | | 97 |
| 77) Pyrene | 12.57 | 202 | 2261753 | 57.90 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.20 | 149 | 872097 | 56.45 | ng | | 96 |
| 80) Benzo(a)anthracene | 13.75 | 228 | 1938230 | 57.43 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.73 | 252 | 782891 | 64.12 | ng | # | 95 |
| 82) Chrysene | 13.78 | 228 | 1473639 | 49.15 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.77 | 149 | 1269051 | 57.85 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.38 | 149 | 2176319 | 62.48 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.33 | 276 | 1359168 | 59.15 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 14.74 | 252 | 1702624m | 59.60 | ng | | |
| 88) Benzo(k)fluoranthene | 14.77 | 252 | 1249187m | 51.70 | ng | | |
| 89) Benzo(a)pyrene | 15.05 | 252 | 1418834 | 58.31 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 16.35 | 278 | 1110178 | 59.93 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 16.70 | 276 | 1132730 | 61.12 | ng | # | 94 |

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

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