Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091320.D
Acq On : 29 Nov 2016 11:53
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
sohil
11/30/2016 10:32:11 AM

Quant Time: Nov 29 12:30:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 12:14:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 170909 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 646243 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.91 | 164 | 381858 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 634683 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.03 | 240 | 424295 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.44 | 264 | 371362 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 1060268 | 99.67 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 1240369 | 90.76 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 1122565 | 100.00 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 371478 | 96.47 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 2129089 | 91.30 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 1886539 | 101.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.47 | 88 | 236518 | 47.14 | ng | | 88 |
| 3) Pyridine | 3.19 | 79 | 668447 | 49.57 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.14 | 42 | 361703 | 48.99 | ng | | 98 |
| 6) Aniline | 6.53 | 93 | 836002 | 47.85 | ng | # | 71 |
| 8) 2-Chlorophenol | 6.65 | 128 | 571271 | 49.30 | ng | | 93 |
| 9) Benzaldehyde | 6.41 | 77 | 398633 | 53.89 | ng | | 83 |
| 10) Phenol | 6.50 | 94 | 688794 | 45.17 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.61 | 93 | 573007 | 51.12 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.81 | 146 | 610293m | 48.31 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 583343 | 45.11 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.04 | 146 | 613048 | 49.97 | ng | | 96 |
| 15) Benzyl Alcohol | 7.01 | 79 | 474708 | 44.73 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45 | 1150858 | 46.83 | ng | | 71 |
| 17) 2-Methylphenol | 7.12 | 107 | 432813 | 47.21 | ng | # | 76 |
| 18) Hexachloroethane | 7.38 | 117 | 224512 | 48.77 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 412958 | 48.17 | ng | # | 84 |
| 20) 3+4-Methylphenols | 7.28 | 107 | 559676 | 49.73 | ng | # | 41 |
| 22) Acetophenone | 7.28 | 105 | 754106 | 51.71 | ng | # | 85 |
| 24) Nitrobenzene | 7.45 | 77 | 665893 | 56.06 | ng | # | 88 |
| 25) Isophorone | 7.69 | 82 | 1004018 | 47.88 | ng | | 99 |
| 26) 2-Nitrophenol | 7.77 | 139 | 286499 | 60.14 | ng | # | 70 |
| 27) 2,4-Dimethylphenol | 7.81 | 122 | 518248 | 51.84 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93 | 618024 | 49.50 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 445472 | 50.42 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 484125 | 47.57 | ng | | 99 |
| 31) Naphthalene | 8.17 | 128 | 1449664 | 46.63 | ng | | 100 |
| 32) Benzoic acid | 7.93 | 122 | 404067 | 51.32 | ng | | 93 |
| 33) 4-Chloroaniline | 8.22 | 127 | 643629 | 47.59 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.30 | 225 | 309380 | 51.42 | ng | | 98 |
| 35) Caprolactam | 8.60 | 113 | 141492 | 51.95 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 464254 | 48.89 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 1080167 | 50.63 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 445973 | 43.10 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.02 | 237 | 237942 | 51.37 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 349256 | 48.94 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 337058 | 49.16 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 9.33 | 154 | 1213805 | 44.09 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.35 | 162 | 944231 | 46.82 | ng | | 98 |
| 47) 2-Nitroaniline | 9.44 | 65 | 344329 | 50.32 | ng | # | 74 |
| 48) Acenaphthylene | 9.77 | 152 | 1629852 | 50.43 | ng | | 99 |
| 49) Dimethylphthalate | 9.64 | 163 | 1077524 | 45.19 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 281425 | 54.04 | ng | # | 82 |
| 51) Acenaphthene | 9.94 | 154 | 1065693 | 48.45 | ng | | 97 |
| 52) 3-Nitroaniline | 9.86 | 138 | 314643 | 56.19 | ng | # | 77 |
| 53) 2,4-Dinitrophenol | 9.96 | 184 | 117123 | 62.00 | ng | # | 65 |
| 54) Dibenzofuran | 10.12 | 168 | 1424537 | 46.04 | ng | | 93 |
| 55) 4-Nitrophenol | 10.01 | 139 | 251242 | 62.21 | ng | | 90 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 361423 | 54.84 | ng | # | 79 |
| 57) Fluorene | 10.46 | 166 | 1123415 | 47.45 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 308962 | 51.24 | ng | | 95 |
| 59) Diethylphthalate | 10.33 | 149 | 1084902 | 45.22 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204 | 461048 | 42.27 | ng | # | 85 |
| 61) 4-Nitroaniline | 10.47 | 138 | 259002 | 49.58 | ng | | 89 |
| 62) Azobenzene | 10.61 | 77 | 1161024 | 47.71 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 196965 | 68.43 | ng | # | 34 |
| 65) n-Nitrosodiphenylamine | 10.56 | 169 | 887883 | 46.08 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.94 | 248 | 337748 | 48.69 | ng | # | 86 |
| 67) Hexachlorobenzene | 11.01 | 284 | 356527 | 46.88 | ng | # | 88 |
| 68) Atrazine | 11.10 | 200 | 311602 | 61.26 | ng | | 92 |
| 69) Pentachlorophenol | 11.19 | 266 | 225080 | 50.03 | ng | | 96 |
| 70) Phenanthrene | 11.42 | 178 | 1593484 | 48.40 | ng | | 99 |
| 71) Anthracene | 11.46 | 178 | 1547550 | 45.97 | ng | | 99 |
| 72) Carbazole | 11.61 | 167 | 1351934 | 45.12 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.96 | 149 | 1647741 | 47.49 | ng | | 100 |
| 74) Fluoranthene | 12.60 | 202 | 1560082 | 46.58 | ng | | 98 |
| 76) Benzidine | 12.72 | 184 | 678106 | 82.46 | ng | | 98 |
| 77) Pyrene | 12.82 | 202 | 1602982 | 51.13 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 657506 | 52.41 | ng | # | 82 |
| 80) Benzo(a)anthracene | 14.01 | 228 | 1247680 | 51.81 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.98 | 252 | 449884 | 56.65 | ng | # | 98 |
| 82) Chrysene | 14.05 | 228 | 1289517 | 56.66 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 819550 | 52.47 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 14.62 | 149 | 1182765 | 48.11 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.86 | 276 | 1125115 | 57.41 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.04 | 252 | 1198064 | 51.14 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 15.07 | 252 | 888243m | 46.42 | ng | | |
| 89) Benzo(a)pyrene | 15.39 | 252 | 1012904 | 50.82 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 947612 | 51.50 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.28 | 276 | 992724 | 54.39 | ng | | 98 |

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

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