Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100622.D
Acq On : 16 Nov 2017 11:19
Operator : SJ/JU
Sample : PB104248BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104248BS

Manual Integrations APPROVED
SOHIL
11/17/2017 1:24:31 PM

Quant Time: Nov 16 13:05:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.88 | 152 | 102291 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 416029 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 196548 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.40 | 188 | 389516 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.04 | 240 | 296076 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.51 | 264 | 221061 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 667960 | 104.68 | ng | | 0.01 |
| 7) Phenol-d6 | 6.51 | 99 | 810406 | 102.99 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 512246 | 81.40 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 232004 | 115.84 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 1018111 | 78.88 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.99 | 244 | 1018973 | 79.08 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.76 | 88 | 94059 | 30.246 | ng | | 96 |
| 3) Pyridine | 3.52 | 79 | 258048 | 30.415 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.47 | 42 | 120737 | 29.310 | ng | | 98 |
| 6) Aniline | 6.55 | 93 | 146033 | 13.136 | ng | | 99 |
| 8) 2-Chlorophenol | 6.67 | 128 | 245101 | 36.307 | ng | | 97 |
| 9) Benzaldehyde | 6.43 | 77 | 100164 | 17.824 | ng | | 93 |
| 10) Phenol | 6.52 | 94 | 292431 | 35.400 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 229436 | 33.066 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.82 | 146 | 278635 | 35.800 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.90 | 146 | 279655 | 35.501 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.05 | 146 | 265651 | 36.473 | ng | | 98 |
| 15) Benzyl Alcohol | 7.02 | 79 | 210993 | 34.356 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45 | 415072 | 37.402 | ng | | 99 |
| 17) 2-Methylphenol | 7.13 | 107 | 212056 | 36.758 | ng | | 99 |
| 18) Hexachloroethane | 7.39 | 117 | 96179 | 37.030 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 170804 | 31.299 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.28 | 107 | 256135 | 35.086 | ng | # | 87 |
| 22) Acetophenone | 7.29 | 105 | 332798 | 32.805 | ng | # | 99 |
| 24) Nitrobenzene | 7.46 | 77 | 257067 | 39.691 | ng | | 99 |
| 25) Isophorone | 7.70 | 82 | 470818 | 35.605 | ng | | 100 |
| 26) 2-Nitrophenol | 7.78 | 139 | 137733 | 45.653 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.81 | 122 | 237755 | 40.108 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93 | 302849 | 35.013 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.02 | 162 | 219835 | 38.847 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.10 | 180 | 229506 | 37.493 | ng | | 96 |
| 31) Naphthalene | 8.19 | 128 | 709263 | 35.396 | ng | | 99 |
| 32) Benzoic acid | 7.90 | 122 | 53583 | 18.870 | ng | | 98 |
| 33) 4-Chloroaniline | 8.23 | 127 | 73712 | 8.837 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.30 | 225 | 130240 | 35.784 | ng | | 99 |
| 35) Caprolactam | 8.60 | 113 | 62374m | 32.118 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.71 | 107 | 224012 | 36.858 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 493601 | 37.103 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 224488 | 34.439 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.03 | 237 | 228912 | 74.614 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.15 | 196 | 163575 | 39.594 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.19 | 196 | 167829 | 39.209 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 9.34 | 154 | 590765 | 34.752 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.37 | 162 | 463327 | 37.570 | ng | | 95 |
| 47) 2-Nitroaniline | 9.46 | 65 | 143400 | 39.854 | ng | | 93 |
| 48) Acenaphthylene | 9.78 | 152 | 718782 | 35.169 | ng | | 99 |
| 49) Dimethylphthalate | 9.64 | 163 | 536338 | 35.740 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.70 | 165 | 123533 | 41.587 | ng | | 97 |
| 51) Acenaphthene | 9.95 | 154 | 449133 | 36.134 | ng | | 99 |
| 52) 3-Nitroaniline | 9.87 | 138 | 60595 | 17.275 | ng | # | 90 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 63084 | 57.085 | ng | # | 16 |
| 54) Dibenzofuran | 10.13 | 168 | 631544 | 36.252 | ng | | 97 |
| 55) 4-Nitrophenol | 10.03 | 139 | 203357 | 71.398 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 163590 | 43.654 | ng | | 93 |
| 57) Fluorene | 10.47 | 166 | 481558 | 37.733 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.24 | 232 | 142601 | 40.649 | ng | # | 84 |
| 59) Diethylphthalate | 10.34 | 149 | 533834 | 35.547 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204 | 237864 | 37.993 | ng | | 91 |
| 61) 4-Nitroaniline | 10.49 | 138 | 125841 | 37.835 | ng | | 85 |
| 62) Azobenzene | 10.62 | 77 | 491502 | 34.750 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 59709 | 33.509 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 467369 | 34.508 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 10.95 | 248 | 152284 | 36.470 | ng | | 90 |
| 67) Hexachlorobenzene | 11.02 | 284 | 162565 | 37.225 | ng | # | 85 |
| 68) Atrazine | 11.10 | 200 | 152318 | 37.153 | ng | | 97 |
| 69) Pentachlorophenol | 11.20 | 266 | 164484 | 52.526 | ng | | 98 |
| 70) Phenanthrene | 11.43 | 178 | 738998 | 36.034 | ng | | 99 |
| 71) Anthracene | 11.48 | 178 | 761452 | 36.596 | ng | | 99 |
| 72) Carbazole | 11.63 | 167 | 684566 | 35.657 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.96 | 149 | 858588 | 38.215 | ng | # | 98 |
| 74) Fluoranthene | 12.62 | 202 | 794044 | 36.533 | ng | | 98 |
| 76) Benzidine | 12.73 | 184 | 206135 | 17.385 | ng | | 98 |
| 77) Pyrene | 12.84 | 202 | 814026 | 38.569 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.46 | 149 | 354874 | 41.230 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.03 | 228 | 661542 | 37.104 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 110624 | 17.317 | ng | # | 95 |
| 82) Chrysene | 14.07 | 228 | 622003 | 36.026 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149 | 479893 | 42.392 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.62 | 149 | 707576 | 36.384 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.00 | 276 | 510349 | 36.544 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.08 | 252 | 513491 | 39.208 | ng | | 100 |
| 88) Benzo(k)fluoranthene | 15.11 | 252 | 448567 | 36.249 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.45 | 252 | 443996 | 38.240 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.02 | 278 | 414977 | 43.703 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.45 | 276 | 438511 | 47.178 | ng | # | 93 |

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

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