Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113496.D
Acq On : 2 Apr 2019 7:32
Operator : JU/SJ
Sample : PB118478BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB118478BSD

**Manual Integrations APPROVED**
Sohil
4/2/2019 3:50:02 PM

Quant Time: Apr 02 09:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 116007 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.99 | 136 | 450550 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.74 | 164 | 215990 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.22 | 188 | 411581 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.85 | 240 | 364735 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.26 | 264 | 260962 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 345450 | 48.69 | ng | | 0.01 |
| 7) Phenol-d6 | 6.35 | 99 | 442506 | 49.30 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 381016 | 50.19 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 120364 | 45.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.06 | 172 | 765631 | 47.85 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.79 | 244 | 765666 | 46.27 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.38 | 88 | 70743 | 19.653 | ng | | 98 |
| 3) Pyridine | 3.11 | 79 | 168235 | 18.958 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.02 | 42 | 75813 | 19.218 | ng | | 95 |
| 6) Aniline | 6.37 | 93 | 209560 | 19.173 | ng | | 95 |
| 8) 2-Chlorophenol | 6.50 | 128 | 192201 | 23.329 | ng | | 95 |
| 9) Benzaldehyde | 6.25 | 77 | 125109 | 20.773 | ng | | 97 |
| 10) Phenol | 6.37 | 94 | 238894 | 23.315 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.44 | 93 | 177137 | 22.553 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.65 | 146 | 205150 | 23.100 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.72 | 146 | 209727 | 24.459 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.87 | 146 | 197914 | 23.461 | ng | | 99 |
| 15) Benzyl Alcohol | 6.86 | 79 | 141115 | 23.833 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45 | 282855 | 23.972 | ng | | 90 |
| 17) 2-Methylphenol | 6.97 | 107 | 150299 | 23.278 | ng | | 98 |
| 18) Hexachloroethane | 7.22 | 117 | 52902 | 17.177 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70 | 127577 | 22.629 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.13 | 107 | 195282 | 22.606 | ng | | 92 |
| 22) Acetophenone | 7.12 | 105 | 255680 | 24.884 | ng | # | 97 |
| 24) Nitrobenzene | 7.29 | 77 | 191060 | 24.120 | ng | | 96 |
| 25) Isophorone | 7.53 | 82 | 349996 | 23.792 | ng | | 98 |
| 26) 2-Nitrophenol | 7.61 | 139 | 76476 | 18.265 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.66 | 122 | 168994 | 28.059 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93 | 227006 | 24.504 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.86 | 162 | 162512 | 24.899 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.93 | 180 | 173726 | 24.671 | ng | | 99 |
| 31) Naphthalene | 8.01 | 128 | 551575 | 25.052 | ng | | 99 |
| 32) Benzoic acid | 7.75 | 122 | 50200m | 10.354 | ng | | |
| 33) 4-Chloroaniline | 8.06 | 127 | 195274 | 22.744 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.13 | 225 | 100819 | 24.089 | ng | | 99 |
| 35) Caprolactam | 8.42 | 113 | 47850 | 22.843 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.56 | 107 | 161776 | 24.643 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.70 | 142 | 373677 | 27.200 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.80 | 142 | 348377 | 26.364 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 174533 | 25.173 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.86 | 237 | 1622 | 0.553 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 8.99 | 196 | 104975 | 23.251 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 9.03 | 196 | 114467 | 22.909 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.16 | 154 | 455629 | 25.257 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.19 | 162 | 345035 | 24.842 | ng | | 98 |
| 48) 2-Nitroaniline | 9.29 | 65 | 108779 | 24.956 | ng | | 99 |
| 49) Acenaphthylene | 9.60 | 152 | 553944 | 24.666 | ng | | 99 |
| 50) Dimethylphthalate | 9.46 | 163 | 398557 | 24.900 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.53 | 165 | 78808 | 21.824 | ng | | 92 |
| 52) Acenaphthene | 9.77 | 154 | 314119 | 24.837 | ng | | 100 |
| 53) 3-Nitroaniline | 9.70 | 138 | 105286 | 25.855 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.83 | 184 | 1634 | 0.910 | ng | # | 65 |
| 55) Dibenzofuran | 9.95 | 168 | 483561 | 25.433 | ng | | 97 |
| 56) 4-Nitrophenol | 9.88 | 139 | 96380 | 33.197 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 9.93 | 165 | 94736 | 20.630 | ng | | 92 |
| 58) Fluorene | 10.29 | 166 | 371186 | 25.131 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.07 | 232 | 92111 | 21.800 | ng | | 97 |
| 60) Diethylphthalate | 10.16 | 149 | 391284 | 24.919 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.27 | 204 | 188462 | 26.180 | ng | | 94 |
| 62) 4-Nitroaniline | 10.30 | 138 | 105980 | 25.277 | ng | | 96 |
| 63) Azobenzene | 10.43 | 77 | 348463 | 23.575 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 2573 | 1.143 | ng | | 74 |
| 66) n-Nitrosodiphenylamine | 10.39 | 169 | 333736 | 26.425 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.76 | 248 | 113681 | 25.342 | ng | | 98 |
| 68) Hexachlorobenzene | 10.84 | 284 | 128740 | 24.725 | ng | | 98 |
| 69) Atrazine | 10.92 | 200 | 99427 | 24.942 | ng | | 97 |
| 70) Pentachlorophenol | 11.04 | 266 | 96996 | 35.754 | ng | | 98 |
| 71) Phenanthrene | 11.24 | 178 | 511324 | 25.017 | ng | | 98 |
| 72) Anthracene | 11.29 | 178 | 542818 | 26.146 | ng | | 99 |
| 73) Carbazole | 11.45 | 167 | 504715 | 25.477 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.78 | 149 | 618532 | 26.924 | ng | | 98 |
| 75) Fluoranthene | 12.43 | 202 | 582593 | 25.214 | ng | | 97 |
| 77) Benzidine | 12.55 | 184 | 497976 | 35.653 | ng | | 96 |
| 78) Pyrene | 12.65 | 202 | 592655 | 23.448 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.27 | 149 | 256683 | 23.044 | ng | | 96 |
| 81) Benzo(a)anthracene | 13.84 | 228 | 498315 | 23.868 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.80 | 252 | 213868 | 25.535 | ng | | 98 |
| 83) Chrysene | 13.87 | 228 | 513055 | 24.193 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149 | 346484 | 25.374 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.43 | 149 | 627959 | 27.092 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 16.62 | 276 | 348274 | 19.136 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 14.86 | 252 | 402742 | 24.844 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.88 | 252 | 400030 | 28.100 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.20 | 252 | 358760 | 24.963 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.63 | 278 | 298102 | 23.989 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.03 | 276 | 286637 | 22.877 | ng | | 98 |

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

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