Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108780.D
Acq On : 5 Sep 2018 17:58
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF090518

Quant Time: Sep 05 18:20:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 279791 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 1139352 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 552245 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 1051269 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 673123 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 684830 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 1321867 | 78.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 1702384 | 78.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 1544260 | 84.82 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 439823 | 83.43 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 2614621 | 80.77 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 2215960 | 76.77 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 326241 | 40.195 | ng | | 93 |
| 3) Pyridine | 3.12 | 79 | 910970 | 40.983 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 345607 | 40.481 | ng | | 94 |
| 6) Aniline | 6.40 | 93 | 1152875 | 39.446 | ng | | 98 |
| 8) 2-Chlorophenol | 6.52 | 128 | 747243 | 39.973 | ng | | 97 |
| 9) Benzaldehyde | 6.28 | 77 | 600509 | 38.954 | ng | | 98 |
| 10) Phenol | 6.38 | 94 | 986786 | 39.648 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 765499 | 38.394 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.68 | 146 | 843339 | 39.533 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.75 | 146 | 844345 | 39.579 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 773741 | 39.349 | ng | | 99 |
| 15) Benzyl Alcohol | 6.88 | 79 | 668729 | 40.100 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 1155054 | 38.756 | ng | | 96 |
| 17) 2-Methylphenol | 6.99 | 107 | 623633 | 39.475 | ng | | 98 |
| 18) Hexachloroethane | 7.25 | 117 | 309702 | 40.262 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 582879 | 38.589 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.14 | 107 | 713955 | 38.579 | ng | # | 65 |
| 22) Acetophenone | 7.15 | 105 | 979836 | 37.893 | ng | | 95 |
| 24) Nitrobenzene | 7.31 | 77 | 818269 | 41.889 | ng | | 97 |
| 25) Isophorone | 7.56 | 82 | 1383945 | 38.109 | ng | | 99 |
| 26) 2-Nitrophenol | 7.63 | 139 | 350726 | 45.572 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 617767 | 39.529 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93 | 932427 | 38.403 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 634474 | 39.372 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.96 | 180 | 676993 | 38.765 | ng | | 98 |
| 31) Naphthalene | 8.04 | 128 | 1986657 | 38.757 | ng | | 99 |
| 32) Benzoic acid | 7.80 | 122 | 454941 | 45.017 | ng | | 98 |
| 33) 4-Chloroaniline | 8.08 | 127 | 905648 | 38.469 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.17 | 225 | 405628 | 38.879 | ng | | 99 |
| 35) Caprolactam | 8.46 | 113 | 217979 | 39.918 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 666968 | 38.852 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 1299032 | 38.360 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 646059 | 39.136 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.89 | 237 | 340570 | 41.008 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.00 | 196 | 460921 | 40.992 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.04 | 196 | 476502 | 40.883 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.20 | 154 | 1646974 | 38.738 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.21 | 162 | 1348278 | 39.212 | ng | | 99 |
| 47) 2-Nitroaniline | 9.31 | 65 | 421782 | 44.902 | ng | | 98 |
| 48) Acenaphthylene | 9.63 | 152 | 2006107 | 39.142 | ng | | 98 |
| 49) Dimethylphthalate | 9.50 | 163 | 1509909 | 39.091 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 340875 | 46.314 | ng | | 92 |
| 51) Acenaphthene | 9.80 | 154 | 1229951 | 38.780 | ng | | 99 |
| 52) 3-Nitroaniline | 9.71 | 138 | 401622 | 45.841 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.81 | 184 | 103709 | 43.199 | ng | # | 28 |
| 54) Dibenzofuran | 9.97 | 168 | 1776563 | 38.427 | ng | | 96 |
| 55) 4-Nitrophenol | 9.87 | 139 | 303710 | 46.370 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 9.95 | 165 | 433145 | 46.018 | ng | # | 95 |
| 57) Fluorene | 10.31 | 166 | 1192608 | 40.198 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.08 | 232 | 396249 | 42.157 | ng | | 88 |
| 59) Diethylphthalate | 10.20 | 149 | 1549559 | 38.874 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.31 | 204 | 646390 | 40.795 | ng | | 94 |
| 61) 4-Nitroaniline | 10.32 | 138 | 362836 | 45.715 | ng | | 98 |
| 62) Azobenzene | 10.47 | 77 | 1586877 | 38.568 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198 | 173477 | 42.826 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 10.42 | 169 | 1338104 | 38.283 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 455777 | 38.386 | ng | # | 88 |
| 67) Hexachlorobenzene | 10.86 | 284 | 488574 | 38.546 | ng | | 93 |
| 68) Atrazine | 10.95 | 200 | 434841 | 38.862 | ng | | 98 |
| 69) Pentachlorophenol | 11.05 | 266 | 338598 | 43.694 | ng | | 99 |
| 70) Phenanthrene | 11.27 | 178 | 1923482 | 38.314 | ng | | 98 |
| 71) Anthracene | 11.32 | 178 | 1929187 | 40.136 | ng | | 96 |
| 72) Carbazole | 11.47 | 167 | 1939414 | 38.313 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.81 | 149 | 2257395 | 40.158 | ng | # | 98 |
| 74) Fluoranthene | 12.45 | 202 | 2007180 | 40.381 | ng | | 97 |
| 76) Benzidine | 12.57 | 184 | 1221158 | 38.277 | ng | | 96 |
| 77) Pyrene | 12.68 | 202 | 2052863 | 39.634 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.30 | 149 | 967300 | 41.470 | ng | | 96 |
| 80) Benzo(a)anthracene | 13.85 | 228 | 1705855 | 39.538 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.82 | 252 | 657552 | 39.118 | ng | # | 96 |
| 82) Chrysene | 13.89 | 228 | 1629864 | 39.022 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 1186036 | 40.462 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.47 | 149 | 1930964 | 39.513 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.62 | 276 | 1428625 | 38.649 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 1441568 | 38.712 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.90 | 252 | 1358981 | 39.629 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.21 | 252 | 1305348 | 38.849 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.64 | 278 | 1188006 | 40.126 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.02 | 276 | 1197898 | 40.409 | ng | | 95 |

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

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