Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118555.D
Acq On : 17 Jan 2020 12:02
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
1/21/2020 7:58:20 AM

Quant Time: Jan 17 13:33:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:09:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 432815 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 1569865 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.93 | 164 | 889736 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.42 | 188 | 1557145 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.05 | 240 | 1026640 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.52 | 264 | 872902 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 2427917 | 96.03 | ng | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 3165347 | 104.06 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 2890924 | 112.77 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 1073486 | 99.47 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 5033538 | 91.26 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.00 | 244 | 5360239 | 86.53 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.68 | 88 | 578756 | 56.273 | ng | 99 |
| 3) Pyridine | 3.45 | 79 | 1586863 | 58.464 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.39 | 42 | 739832 | 78.549 | ng | 99 |
| 6) Aniline | 6.56 | 93 | 2195599 | 57.207 | ng | 98 |
| 8) 2-Chlorophenol | 6.68 | 128 | 1406074 | 49.613 | ng | 97 |
| 9) Benzaldehyde | 6.44 | 77 | 749372 | 52.897 | ng | 97 |
| 10) Phenol | 6.53 | 94 | 1815169 | 53.070 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.63 | 93 | 1403608 | 54.583 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.83 | 146 | 1652110 | 50.296 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.91 | 146 | 1653820 | 50.247 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 1559268 | 51.135 | ng | 97 |
| 15) Benzyl Alcohol | 7.03 | 79 | 1330364 | 61.362 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 2066836 | 77.621 | ng | 100 |
| 17) 2-Methylphenol | 7.14 | 107 | 1184784 | 53.576 | ng | 99 |
| 18) Hexachloroethane | 7.41 | 117 | 615018 | 52.659 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 1159897 | 65.915 | ng | 98 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 1421767 | 49.384 | ng | 90 |
| 22) Acetophenone | 7.30 | 105 | 1992365 | 54.706 | ng | 96 |
| 24) Nitrobenzene | 7.47 | 77 | 1512442 | 59.355 | ng | 98 |
| 25) Isophorone | 7.72 | 82 | 2865563 | 62.031 | ng | 99 |
| 26) 2-Nitrophenol | 7.79 | 139 | 628725 | 42.052 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.82 | 122 | 1164149 | 58.331 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93 | 1867788 | 58.652 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.03 | 162 | 1293726 | 55.725 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 1493814 | 56.530 | ng | 100 |
| 31) Naphthalene | 8.20 | 128 | 3852791 | 48.921 | ng | 98 |
| 32) Benzoic acid | 7.96 | 122 | 791771 | 54.942 | ng | 99 |
| 33) 4-Chloroaniline | 8.25 | 127 | 1769674 | 52.809 | ng | 98 |
| 34) Hexachlorobutadiene | 8.32 | 225 | 928375 | 59.800 | ng | 98 |
| 35) Caprolactam | 8.63 | 113 | 390016m | 54.512 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.72 | 107 | 1258896 | 52.539 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 2730237 | 51.859 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.99 | 142 | 2605556 | 52.194 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 1510066 | 55.347 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.05 | 237 | 819089 | 198.644 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.16 | 196 | 1009662 | 57.147 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 9.20 | 196 | 992992 | 56.279 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.36 | 154 | 3264910 | 46.311 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.38 | 162 | 2794947 | 49.378 | ng | | 96 |
| 48) 2-Nitroaniline | 9.47 | 65 | 804721 | 52.936 | ng | | 99 |
| 49) Acenaphthylene | 9.80 | 152 | 3887290 | 47.131 | ng | | 99 |
| 50) Dimethylphthalate | 9.66 | 163 | 3147720 | 47.932 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.71 | 165 | 683573 | 47.341 | ng | | 91 |
| 52) Acenaphthene | 9.97 | 154 | 2593995 | 51.118 | ng | | 98 |
| 53) 3-Nitroaniline | 9.88 | 138 | 743021 | 44.488 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.98 | 184 | 224674 | 41.661 | ng | # | 5 |
| 55) Dibenzofuran | 10.14 | 168 | 3614170 | 49.084 | ng | | 95 |
| 56) 4-Nitrophenol | 10.03 | 139 | 539295 | 70.447 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.12 | 165 | 821623 | 44.516 | ng | | 93 |
| 58) Fluorene | 10.48 | 166 | 2779518 | 46.470 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.25 | 232 | 873375 | 60.530 | ng | | 99 |
| 60) Diethylphthalate | 10.36 | 149 | 3082461 | 47.107 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204 | 1537796 | 51.103 | ng | | 97 |
| 62) 4-Nitroaniline | 10.50 | 138 | 729037 | 44.204 | ng | | 99 |
| 63) Azobenzene | 10.63 | 77 | 2979748 | 54.978 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 323903 | 39.421 | ng | | 81 |
| 66) n-Nitrosodiphenylamine | 10.59 | 169 | 2607987 | 51.012 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.96 | 248 | 1106868 | 58.967 | ng | | 97 |
| 68) Hexachlorobenzene | 11.03 | 284 | 1221563 | 54.886 | ng | | 96 |
| 69) Atrazine | 11.12 | 200 | 670473 | 54.687 | ng | | 98 |
| 70) Pentachlorophenol | 11.22 | 266 | 641645 | 104.463 | ng | | 99 |
| 71) Phenanthrene | 11.44 | 178 | 3968143 | 47.339 | ng | | 99 |
| 72) Anthracene | 11.49 | 178 | 4032900 | 48.272 | ng | | 99 |
| 73) Carbazole | 11.64 | 167 | 3591870 | 48.124 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.98 | 149 | 4244945 | 43.973 | ng | | 100 |
| 75) Fluoranthene | 12.63 | 202 | 4087828 | 48.818 | ng | | 97 |
| 77) Benzidine | 12.74 | 184 | 1609765 | 70.250 | ng | | 98 |
| 78) Pyrene | 12.86 | 202 | 4110796 | 47.387 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.47 | 149 | 1807546 | 46.548 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.04 | 228 | 3391132 | 47.653 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.00 | 252 | 1212165 | 50.168 | ng | | 98 |
| 83) Chrysene | 14.08 | 228 | 3241119 | 47.519 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149 | 2202811 | 42.459 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.64 | 149 | 3358177 | 43.261 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.01 | 276 | 3056311 | 47.685 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.09 | 252 | 3085484 | 55.154 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.13 | 252 | 2722965 | 53.734 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.46 | 252 | 2625946 | 52.675 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.03 | 278 | 2513086 | 55.518 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.46 | 276 | 2412422 | 54.782 | ng | | 99 |

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

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