Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119685.D
Acq On : 1 Apr 2020 23:55
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Apr 02 01:57:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 225683 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 853930 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 435207 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.35 | 188 | 851262 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 625125 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.44 | 264 | 603832 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 1092194 | 77.04 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 1407959 | 77.74 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 1248449 | 79.46 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 399082 | 88.88 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 2269960 | 77.27 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.93 | 244 | 2543884 | 79.73 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 253085 | 36.145 | ng | | 97 |
| 3) Pyridine | 3.23 | 79 | 694876 | 36.023 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.19 | 42 | 306886 | 32.624 | ng | | 89 |
| 6) Aniline | 6.47 | 93 | 956369 | 38.263 | ng | | 96 |
| 8) 2-Chlorophenol | 6.60 | 128 | 601340 | 40.386 | ng | | 99 |
| 9) Benzaldehyde | 6.36 | 77 | 415358 | 36.154 | ng | | 99 |
| 10) Phenol | 6.46 | 94 | 803944 | 41.604 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 602146 | 38.961 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.76 | 146 | 647783 | 40.197 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 655254 | 40.650 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.99 | 146 | 614089 | 40.758 | ng | | 100 |
| 15) Benzyl Alcohol | 6.96 | 79 | 530278 | 38.926 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45 | 1122117 | 35.996 | ng | | 100 |
| 17) 2-Methylphenol | 7.06 | 107 | 539264 | 39.528 | ng | | 99 |
| 18) Hexachloroethane | 7.33 | 117 | 239707 | 40.579 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70 | 414887 | 38.008 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 649707 | 38.860 | ng | # | 82 |
| 22) Acetophenone | 7.23 | 105 | 766568 | 37.569 | ng | | 99 |
| 24) Nitrobenzene | 7.40 | 77 | 644587 | 38.388 | ng | | 98 |
| 25) Isophorone | 7.64 | 82 | 1198257 | 37.595 | ng | | 99 |
| 26) 2-Nitrophenol | 7.72 | 139 | 318499 | 48.174 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 492804 | 36.048 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 722653 | 38.342 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 492472 | 39.205 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.04 | 180 | 549037 | 39.523 | ng | | 98 |
| 31) Naphthalene | 8.12 | 128 | 1737741 | 39.544 | ng | | 99 |
| 32) Benzoic acid | 7.86 | 122 | 312729 | 35.562 | ng | | 97 |
| 33) 4-Chloroaniline | 8.17 | 127 | 763449 | 37.915 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.24 | 225 | 321384 | 41.349 | ng | | 99 |
| 35) Caprolactam | 8.54 | 113 | 159888 | 38.892 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 530170 | 38.617 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 1128086 | 39.115 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.91 | 142 | 1074799 | 39.373 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 515826 | 40.437 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.97 | 237 | 277343 | 38.243 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.09 | 196 | 360123 | 39.450 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.13 | 196 | 413908 | 40.475 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.28 | 154 | 1423650 | 40.164 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.30 | 162 | 1095673 | 39.463 | ng | | 98 |
| 48) 2-Nitroaniline | 9.40 | 65 | 398574 | 41.590 | ng | | 91 |
| 49) Acenaphthylene | 9.72 | 152 | 1710839 | 39.239 | ng | | 98 |
| 50) Dimethylphthalate | 9.58 | 163 | 1254984 | 40.597 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.64 | 165 | 282055 | 42.568 | ng | | 91 |
| 52) Acenaphthene | 9.89 | 154 | 1063739 | 39.135 | ng | | 98 |
| 53) 3-Nitroaniline | 9.81 | 138 | 347352 | 41.523 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 9.91 | 184 | 91469 | 36.276 | ng | | 98 |
| 55) Dibenzofuran | 10.06 | 168 | 1543264 | 39.600 | ng | | 98 |
| 56) 4-Nitrophenol | 9.96 | 139 | 252697 | 38.293 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.05 | 165 | 387028 | 46.367 | ng | # | 84 |
| 58) Fluorene | 10.40 | 166 | 1166142 | 40.465 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.18 | 232 | 309286 | 40.462 | ng | | 97 |
| 60) Diethylphthalate | 10.28 | 149 | 1285222 | 40.963 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204 | 587282 | 41.672 | ng | | 99 |
| 62) 4-Nitroaniline | 10.42 | 138 | 345643 | 43.089 | ng | | 95 |
| 63) Azobenzene | 10.56 | 77 | 1221798 | 38.671 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 149245 | 41.810 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.52 | 169 | 1093213 | 39.119 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.89 | 248 | 392054 | 40.440 | ng | | 99 |
| 68) Hexachlorobenzene | 10.96 | 284 | 402688 | 40.584 | ng | # | 91 |
| 69) Atrazine | 11.05 | 200 | 312312 | 40.765 | ng | | 98 |
| 70) Pentachlorophenol | 11.15 | 266 | 217011 | 37.300 | ng | | 98 |
| 71) Phenanthrene | 11.37 | 178 | 1716566 | 38.889 | ng | | 98 |
| 72) Anthracene | 11.42 | 178 | 1756284 | 39.149 | ng | | 99 |
| 73) Carbazole | 11.57 | 167 | 1713831 | 38.596 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.91 | 149 | 2017660 | 42.477 | ng | | 99 |
| 75) Fluoranthene | 12.56 | 202 | 1899841 | 39.770 | ng | | 99 |
| 77) Benzidine | 12.67 | 184 | 983399 | 37.172 | ng | | 99 |
| 78) Pyrene | 12.79 | 202 | 1948529 | 37.981 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.41 | 149 | 885264 | 42.663 | ng | | 97 |
| 81) Benzo(a)anthracene | 13.97 | 228 | 1565155 | 38.502 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.94 | 252 | 624849 | 38.984 | ng | | 99 |
| 83) Chrysene | 14.02 | 228 | 1614143 | 38.475 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 1121145 | 45.325 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.58 | 149 | 2018595 | 46.401 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 1418095 | 35.890 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 1607393 | 39.850 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 1469723 | 38.266 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.38 | 252 | 1412356 | 38.529 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.91 | 278 | 1181313 | 36.844 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.33 | 276 | 1146540 | 35.595 | ng | | 96 |

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

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