Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121841.D
Acq On : 6 Oct 2020 9:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 06 11:50:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.76 | 152 | 130755 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 490199 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 250616 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.29 | 188 | 463536 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.93 | 240 | 358522 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.36 | 264 | 317254 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 717131 | 81.51 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 916734 | 79.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.33 | 82 | 775424 | 84.93 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.60 | 330 | 260343 | 83.58 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.13 | 172 | 1304243 | 78.82 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.87 | 244 | 1509975 | 85.32 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.47 | 88 | 159570 | 39.477 | ng | | 99 |
| 3) Pyridine | 3.20 | 79 | 449909 | 40.262 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.16 | 42 | 203685 | 39.297 | ng | | 100 |
| 6) Aniline | 6.43 | 93 | 566318 | 37.670 | ng | # | 81 |
| 8) 2-Chlorophenol | 6.56 | 128 | 362979 | 40.520 | ng | | 95 |
| 9) Benzaldehyde | 6.32 | 77 | 262899 | 34.840 | ng | | 99 |
| 10) Phenol | 6.43 | 94 | 462309 | 37.611 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.50 | 93 | 374580 | 40.433 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.70 | 146 | 408196 | 40.826 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.78 | 146 | 408000 | 40.639 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 372590 | 40.286 | ng | | 99 |
| 15) Benzyl Alcohol | 6.92 | 79 | 311562 | 39.711 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45 | 577816 | 38.759 | ng | | 91 |
| 17) 2-Methylphenol | 7.03 | 107 | 306887 | 40.263 | ng | | 96 |
| 18) Hexachloroethane | 7.27 | 117 | 150382 | 41.834 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70 | 259954 | 39.076 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.19 | 107 | 364813 | 39.837 | ng | | 91 |
| 22) Acetophenone | 7.18 | 105 | 494939 | 39.795 | ng | | 96 |
| 24) Nitrobenzene | 7.36 | 77 | 410915 | 41.614 | ng | | 96 |
| 25) Isophorone | 7.59 | 82 | 720741 | 39.216 | ng | | 99 |
| 26) 2-Nitrophenol | 7.67 | 139 | 197255 | 42.730 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.71 | 122 | 327587 | 39.931 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93 | 459290 | 40.368 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.92 | 162 | 303890 | 40.670 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.99 | 180 | 319880 | 40.648 | ng | | 98 |
| 31) Naphthalene | 8.07 | 128 | 1027013 | 39.688 | ng | | 99 |
| 32) Benzoic acid | 7.86 | 122 | 156586 | 28.822 | ng | | 99 |
| 33) 4-Chloroaniline | 8.12 | 127 | 455041 | 40.567 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.19 | 225 | 194738 | 42.159 | ng | | 100 |
| 35) Caprolactam | 8.51 | 113 | 98833 | 39.719 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 325287 | 40.412 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.76 | 142 | 671876 | 39.620 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.86 | 142 | 623792 | 39.524 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 322023 | 41.135 | ng | | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.92 | 237 | 159814 | 35.748 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.05 | 196 | 206982 | 38.790 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.09 | 196 | 221375 | 39.244 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.23 | 154 | 802517 | 39.999 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.25 | 162 | 629314 | 39.804 | ng | | 100 |
| 48) 2-Nitroaniline | 9.35 | 65 | 214512 | 43.661 | ng | | 97 |
| 49) Acenaphthylene | 9.67 | 152 | 963954 | 39.681 | ng | | 99 |
| 50) Dimethylphthalate | 9.53 | 163 | 747996 | 41.180 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.60 | 165 | 166167 | 42.955 | ng | | 86 |
| 52) Acenaphthene | 9.84 | 154 | 568921 | 37.079 | ng | | 99 |
| 53) 3-Nitroaniline | 9.77 | 138 | 188648 | 42.097 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.88 | 184 | 66951 | 35.661 | ng | | 90 |
| 55) Dibenzofuran | 10.01 | 168 | 828921 | 38.363 | ng | | 98 |
| 56) 4-Nitrophenol | 9.94 | 139 | 149617 | 41.865 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 10.00 | 165 | 208136 | 42.768 | ng | | 92 |
| 58) Fluorene | 10.35 | 166 | 669676 | 40.528 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.13 | 232 | 180035 | 39.258 | ng | | 97 |
| 60) Diethylphthalate | 10.23 | 149 | 721664 | 40.749 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.35 | 204 | 328356 | 41.483 | ng | | 98 |
| 62) 4-Nitroaniline | 10.38 | 138 | 186250 | 41.859 | ng | | 96 |
| 63) Azobenzene | 10.50 | 77 | 748909 | 39.710 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 116806 | 42.055 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.46 | 169 | 633860 | 39.858 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.83 | 248 | 218861 | 41.470 | ng | | 99 |
| 68) Hexachlorobenzene | 10.90 | 284 | 242164 | 40.660 | ng | # | 91 |
| 69) Atrazine | 10.99 | 200 | 164167 | 41.551 | ng | | 99 |
| 70) Pentachlorophenol | 11.10 | 266 | 113394 | 34.668 | ng | | 99 |
| 71) Phenanthrene | 11.32 | 178 | 992534 | 39.300 | ng | | 100 |
| 72) Anthracene | 11.36 | 178 | 1040358 | 39.918 | ng | | 100 |
| 73) Carbazole | 11.52 | 167 | 927943 | 39.455 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.85 | 149 | 1118831 | 41.217 | ng | | 99 |
| 75) Fluoranthene | 12.50 | 202 | 1068209 | 39.622 | ng | | 98 |
| 77) Benzidine | 12.62 | 184 | 432340 | 36.375 | ng | | 100 |
| 78) Pyrene | 12.73 | 202 | 1096285 | 41.851 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.34 | 149 | 468562 | 44.229 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.92 | 228 | 937959 | 41.353 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.88 | 252 | 361661 | 40.842 | ng | | 99 |
| 83) Chrysene | 13.96 | 228 | 917243 | 39.935 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.90 | 149 | 641230 | 45.308 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.52 | 149 | 1066596 | 42.704 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.79 | 276 | 819591 | 39.669 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.95 | 252 | 906467 | 42.740 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.99 | 252 | 766398 | 39.461 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.31 | 252 | 734680 | 40.752 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.80 | 278 | 676644 | 39.343 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.22 | 276 | 677127 | 40.053 | ng | | 99 |

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

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