Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120761.D
Acq On : 2 Jul 2020 16:32
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICCC040

**Manual Integrations APPROVED**
mohammad
7/7/2020 8:25:21 AM

Quant Time: Jul 02 17:42:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 17:30:37 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 136264 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 504869 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.89 | 164 | 249171 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.37 | 188 | 450144 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.01 | 240 | 335174 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.47 | 264 | 285792 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 707616 | 86.92 | ng | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 894500 | 83.55 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 725135 | 82.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 215997 | 69.84 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.21 | 172 | 1340811 | 75.85 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.96 | 244 | 1362051 | 76.59 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.59 | 88 | 158698 | 45.572 | ng | 100 |
| 3) Pyridine | 3.33 | 79 | 442983 | 44.854 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.29 | 42 | 218034 | 54.966 | ng | 100 |
| 6) Aniline | 6.51 | 93 | 577438 | 44.512 | ng | 100 |
| 8) 2-Chlorophenol | 6.63 | 128 | 382473 | 43.205 | ng | 100 |
| 9) Benzaldehyde | 6.40 | 77 | 241729 | 44.696 | ng | 100 |
| 10) Phenol | 6.49 | 94 | 458641m | 44.420 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 373399 | 42.473 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 415118 | 42.468 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 410838 | 41.879 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 394902 | 40.818 | ng | 100 |
| 15) Benzyl Alcohol | 6.99 | 79 | 339377 | 50.396 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 585936 | 49.473 | ng | 100 |
| 17) 2-Methylphenol | 7.10 | 107 | 333113 | 43.640 | ng | 100 |
| 18) Hexachloroethane | 7.36 | 117 | 156030 | 44.142 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 265149 | 43.182 | ng | 100 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 419668 | 40.658 | ng | 100 |
| 22) Acetophenone | 7.26 | 105 | 502558 | 39.226 | ng | 100 |
| 24) Nitrobenzene | 7.43 | 77 | 404304 | 44.027 | ng | 100 |
| 25) Isophorone | 7.67 | 82 | 744504 | 43.679 | ng | 100 |
| 26) 2-Nitrophenol | 7.75 | 139 | 154097 | 31.370 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.78 | 122 | 302055 | 41.017 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 443888 | 42.283 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 303077 | 40.943 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 341499 | 39.389 | ng | 100 |
| 31) Naphthalene | 8.16 | 128 | 1075862 | 42.709 | ng | 100 |
| 32) Benzoic acid | 7.89 | 122 | 201817 | 39.002 | ng | 100 |
| 33) 4-Chloroaniline | 8.20 | 127 | 456552 | 41.506 | ng | 100 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 207809 | 39.699 | ng | 100 |
| 35) Caprolactam | 8.57 | 113 | 87805m | 36.546 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.67 | 107 | 317450 | 42.802 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 710744 | 41.754 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 665956 | 41.711 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 313770 | 39.446 | ng | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.00 | 237 | 192923 | 53.072 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.12 | 196 | 213942 | 39.875 ng | 100 |
| 44) 2,4,5-Trichlorophenol | 9.16 | 196 | 238165 | 39.504 ng | 100 |
| 46) 1,1'-Biphenyl | 9.31 | 154 | 830749 | 41.140 ng | 100 |
| 47) 2-Chloronaphthalene | 9.33 | 162 | 661249 | 40.693 ng | 100 |
| 48) 2-Nitroaniline | 9.43 | 65 | 187698 | 39.607 ng | 100 |
| 49) Acenaphthylene | 9.75 | 152 | 1013309 | 40.157 ng | 100 |
| 50) Dimethylphthalate | 9.61 | 163 | 736994 | 38.592 ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.67 | 165 | 142009 | 33.635 ng | 100 |
| 52) Acenaphthene | 9.92 | 154 | 639675 | 44.292 ng | 100 |
| 53) 3-Nitroaniline | 9.84 | 138 | 171885 | 34.680 ng | 100 |
| 54) 2,4-Dinitrophenol | 9.94 | 184 | 42612 | 25.486 ng | 100 |
| 55) Dibenzofuran | 10.09 | 168 | 922535 | 41.904 ng | 100 |
| 56) 4-Nitrophenol | 9.99 | 139 | 129659 | 42.341 ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 174868 | 33.872 ng | 100 |
| 58) Fluorene | 10.44 | 166 | 686235 | 40.044 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.21 | 232 | 175945m | 38.633 ng | |
| 60) Diethylphthalate | 10.31 | 149 | 766980 | 40.860 ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204 | 345890 | 39.765 ng | 100 |
| 62) 4-Nitroaniline | 10.45 | 138 | 164120 | 33.112 ng | 100 |
| 63) Azobenzene | 10.59 | 77 | 773703 | 45.154 ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 64844 | 26.100 ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.55 | 169 | 618748 | 41.794 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.92 | 248 | 216664 | 39.545 ng | 100 |
| 68) Hexachlorobenzene | 10.98 | 284 | 228192 | 39.250 ng | 100 |
| 69) Atrazine | 11.07 | 200 | 162493 | 40.774 ng | 100 |
| 70) Pentachlorophenol | 11.17 | 266 | 133408 | 68.548 ng | 100 |
| 71) Phenanthrene | 11.40 | 178 | 988922 | 42.241 ng | 100 |
| 72) Anthracene | 11.45 | 178 | 1009626 | 43.001 ng | 100 |
| 73) Carbazole | 11.60 | 167 | 958849 | 42.952 ng | 100 |
| 74) Di-n-butylphthalate | 11.94 | 149 | 1205434 | 44.638 ng | 100 |
| 75) Fluoranthene | 12.59 | 202 | 1052513 | 40.017 ng | 100 |
| 77) Benzidine | 12.70 | 184 | 409393 | 41.146 ng | 100 |
| 78) Pyrene | 12.82 | 202 | 1085285 | 39.824 ng | 100 |
| 80) Butylbenzylphthalate | 13.44 | 149 | 481643 | 41.911 ng | 100 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 882502 | 40.921 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.97 | 252 | 307069 | 38.147 ng | 100 |
| 83) Chrysene | 14.04 | 228 | 896841 | 39.639 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 621506 | 43.373 ng | 100 |
| 85) Di-n-octyl phthalate | 14.62 | 149 | 1116108 | 41.111 ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.93 | 276 | 776913 | 43.028 ng | 100 |
| 88) Benzo(b)fluoranthene | 15.05 | 252 | 805624 | 44.031 ng | 100 |
| 89) Benzo(k)fluoranthene | 15.08 | 252 | 782258 | 48.804 ng | 100 |
| 90) Benzo(a)pyrene | 15.41 | 252 | 717816 | 45.658 ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.94 | 278 | 652866 | 44.188 ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.36 | 276 | 588511 | 39.810 ng | 100 |

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

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