Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119164.D
Acq On : 2 Mar 2020 9:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/3/2020 12:25:47 PM

Quant Time: Mar 03 07:28:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 181587 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 691706 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.77 | 164 | 402623 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.26 | 188 | 758371 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.90 | 240 | 558508 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.32 | 264 | 498703 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 833382 | 76.70 | ng | | 0.00 |
| 7) Phenol-d6 | 6.39 | 99 | 1040673 | 78.75 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 1026022 | 78.32 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 423085 | 80.33 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.10 | 172 | 2029243 | 74.25 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.84 | 244 | 2584243 | 79.66 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 164826 | 34.070 | ng | | 99 |
| 3) Pyridine | 3.15 | 79 | 473834 | 35.863 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.10 | 42 | 157106 | 39.253 | ng | | 100 |
| 6) Aniline | 6.40 | 93 | 632935 | 38.816 | ng | | 93 |
| 8) 2-Chlorophenol | 6.53 | 128 | 463262 | 39.506 | ng | | 97 |
| 9) Benzaldehyde | 6.29 | 77 | 298371 | 33.794 | ng | | 99 |
| 10) Phenol | 6.40 | 94 | 548672 | 38.402 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.48 | 93 | 440884 | 40.329 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.68 | 146 | 544717 | 38.757 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.76 | 146 | 553276 | 39.339 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 507866 | 39.594 | ng | | 100 |
| 15) Benzyl Alcohol | 6.89 | 79 | 403127 | 42.209 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 383664 | 40.514 | ng | | 73 |
| 17) 2-Methylphenol | 7.01 | 107 | 379245 | 39.890 | ng | | 97 |
| 18) Hexachloroethane | 7.25 | 117 | 203990 | 40.541 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70 | 334143 | 43.394 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.16 | 107 | 473627 | 40.663 | ng | | 92 |
| 22) Acetophenone | 7.16 | 105 | 645864 | 40.356 | ng | # | 98 |
| 24) Nitrobenzene | 7.33 | 77 | 510256 | 39.387 | ng | | 97 |
| 25) Isophorone | 7.57 | 82 | 924836 | 40.649 | ng | | 100 |
| 26) 2-Nitrophenol | 7.64 | 139 | 271158 | 39.503 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.69 | 122 | 360168 | 38.661 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93 | 592135 | 39.985 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.89 | 162 | 429904 | 39.199 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.96 | 180 | 494708 | 38.045 | ng | | 99 |
| 31) Naphthalene | 8.05 | 128 | 1386800 | 38.659 | ng | | 99 |
| 32) Benzoic acid | 7.85 | 122 | 276156 | 41.652 | ng | | 99 |
| 33) 4-Chloroaniline | 8.10 | 127 | 604426 | 39.174 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.16 | 225 | 317539 | 39.204 | ng | | 99 |
| 35) Caprolactam | 8.49 | 113 | 139183m | 41.216 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.59 | 107 | 451639 | 40.691 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 954246 | 39.527 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.83 | 142 | 907862 | 39.987 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 512443 | 37.750 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.89 | 237 | 121051 | 31.016 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.02 | 196 | 326699 | 38.111 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.07 | 196 | 335177 | 37.261 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.20 | 154 | 1240942 | 38.136 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.22 | 162 | 997095 | 38.024 | ng | 99 |
| 48) 2-Nitroaniline | 9.33 | 65 | 297871 | 40.727 | ng | 95 |
| 49) Acenaphthylene | 9.64 | 152 | 1430941 | 37.783 | ng | 99 |
| 50) Dimethylphthalate | 9.50 | 163 | 1242070 | 40.343 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.57 | 165 | 268146 | 39.202 | ng | 90 |
| 52) Acenaphthene | 9.81 | 154 | 880300 | 38.547 | ng | 100 |
| 53) 3-Nitroaniline | 9.74 | 138 | 292674 | 38.595 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.86 | 184 | 117177 | 39.429 | ng | 96 |
| 55) Dibenzofuran | 9.98 | 168 | 1281652 | 37.600 | ng | 100 |
| 56) 4-Nitrophenol | 9.92 | 139 | 163502 | 35.886 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 9.97 | 165 | 337372 | 38.052 | ng | 94 |
| 58) Fluorene | 10.32 | 166 | 1057569 | 39.928 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.10 | 232 | 298096 | 39.273 | ng | 98 |
| 60) Diethylphthalate | 10.20 | 149 | 1212335 | 41.785 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.31 | 204 | 564971 | 40.298 | ng | 99 |
| 62) 4-Nitroaniline | 10.36 | 138 | 304202 | 39.209 | ng | 96 |
| 63) Azobenzene | 10.47 | 77 | 1027460 | 40.741 | ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198 | 187089 | 40.769 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.43 | 169 | 965685 | 38.889 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.80 | 248 | 386279 | 38.967 | ng | 97 |
| 68) Hexachlorobenzene | 10.87 | 284 | 446328 | 39.052 | ng | 96 |
| 69) Atrazine | 10.96 | 200 | 331687 | 38.230 | ng | 98 |
| 70) Pentachlorophenol | 11.07 | 266 | 179251 | 38.935 | ng | 99 |
| 71) Phenanthrene | 11.29 | 178 | 1565131 | 37.844 | ng | 99 |
| 72) Anthracene | 11.33 | 178 | 1598602 | 38.685 | ng | 99 |
| 73) Carbazole | 11.49 | 167 | 1422725 | 38.646 | ng | 99 |
| 74) Di-n-butylphthalate | 11.82 | 149 | 1878755 | 42.141 | ng | 100 |
| 75) Fluoranthene | 12.47 | 202 | 1714289 | 39.050 | ng | 99 |
| 77) Benzidine | 12.59 | 184 | 654987 | 28.836 | ng | 99 |
| 78) Pyrene | 12.70 | 202 | 1685282 | 37.578 | ng | 100 |
| 80) Butylbenzylphthalate | 13.31 | 149 | 819233 | 43.403 | ng | 99 |
| 81) Benzo(a)anthracene | 13.89 | 228 | 1491468 | 39.193 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.84 | 252 | 562239 | 38.049 | ng | 99 |
| 83) Chrysene | 13.93 | 228 | 1442035 | 38.030 | ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 1126701 | 47.249 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.47 | 149 | 1750555 | 46.075 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 1139071 | 31.024 | ng | 99 |
| 88) Benzo(b)fluoranthene | 14.92 | 252 | 1357700 | 41.303 | ng | 99 |
| 89) Benzo(k)fluoranthene | 14.94 | 252 | 1255319 | 41.208 | ng | 99 |
| 90) Benzo(a)pyrene | 15.26 | 252 | 1147275 | 38.671 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.73 | 278 | 950265 | 36.403 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.14 | 276 | 879405 | 34.096 | ng | 99 |

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

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