Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002165.D
Acq On : 26 Jul 2018 08:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/27/2018 11:36:06 AM

Quant Time: Jul 26 09:12:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 285299 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.46 | 136 | 1209880 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.32 | 164 | 640210 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.07 | 188 | 1252386 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1113071 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.49 | 264 | 1099412 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 1371373 | 77.39 | ng | | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 1910501 | 76.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.85 | 82 | 1907031 | 80.83 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.82 | 330 | 592524 | 71.27 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.95 | 172 | 3997220 | 81.32 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.71 | 244 | 4044445 | 75.78 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 261151 | 39.254 | ng | # | 78 |
| 3) Pyridine | 3.66 | 79 | 776665 | 40.302 | ng | # | 72 |
| 4) n-Nitrosodimethylamine | 3.59 | 42 | 314201 | 38.009 | ng | # | 73 |
| 6) Aniline | 7.03 | 93 | 1153338 | 37.966 | ng | | 98 |
| 8) 2-Chlorophenol | 7.26 | 128 | 776610 | 37.788 | ng | | 96 |
| 9) Benzaldehyde | 6.85 | 77 | 593741 | 38.767 | ng | | 91 |
| 10) Phenol | 6.90 | 94 | 974144 | 38.215 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 789282 | 38.041 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.58 | 146 | 891872 | 38.079 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 913684 | 38.132 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.04 | 146 | 869929 | 37.635 | ng | | 97 |
| 15) Benzyl Alcohol | 7.93 | 79 | 701480 | 37.381 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 1275127 | 38.059 | ng | | 94 |
| 17) 2-Methylphenol | 8.13 | 107 | 644536 | 37.036 | ng | | 95 |
| 18) Hexachloroethane | 8.76 | 117 | 334081 | 38.096 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 8.50 | 70 | 653219 | 36.213 | ng | # | 97 |
| 20) 3+4-Methylphenols | 8.46 | 107 | 893152 | 36.784 | ng | | 96 |
| 22) Acetophenone | 8.51 | 105 | 1190230 | 37.942 | ng | | 96 |
| 24) Nitrobenzene | 8.89 | 77 | 939482 | 38.424 | ng | | 94 |
| 25) Isophorone | 9.40 | 82 | 1488703 | 36.750 | ng | | 97 |
| 26) 2-Nitrophenol | 9.59 | 139 | 450544 | 38.146 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.65 | 122 | 619904 | 37.739 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 9.89 | 93 | 978496 | 37.395 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 732450 | 38.239 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.33 | 180 | 824959 | 38.030 | ng | | 98 |
| 31) Naphthalene | 10.52 | 128 | 2300033 | 37.668 | ng | | 98 |
| 32) Benzoic acid | 9.82 | 122 | 445250 | 31.948 | ng | | 93 |
| 33) 4-Chloroaniline | 10.63 | 127 | 1000018 | 36.808 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.80 | 225 | 509484 | 38.353 | ng | | 97 |
| 35) Caprolactam | 11.41 | 113 | 215397 | 32.951 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 11.76 | 107 | 783793 | 35.986 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.13 | 142 | 1571055 | 36.481 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 862257 | 40.055 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.48 | 237 | 518383 | 42.637 | ng | | 92 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.75 | 196 | 560746 | 38.824 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 12.82 | 196 | 577597 | 37.752 | ng | | 98 |
| 45) 1,1'-Biphenyl | 13.15 | 154 | 2190035 | 38.874 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.19 | 162 | 1702420 | 39.150 | ng | | 97 |
| 47) 2-Nitroaniline | 13.40 | 65 | 532531 | 38.059 | ng | | 92 |
| 48) Acenaphthylene | 14.05 | 152 | 2504558 | 37.955 | ng | | 98 |
| 49) Dimethylphthalate | 13.79 | 163 | 1907982 | 35.878 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 13.90 | 165 | 435137 | 36.830 | ng | | 95 |
| 51) Acenaphthene | 14.39 | 154 | 1494309 | 37.594 | ng | | 98 |
| 52) 3-Nitroaniline | 14.23 | 138 | 464482 | 36.284 | ng | # | 87 |
| 53) 2,4-Dinitrophenol | 14.45 | 184 | 208876 | 33.389 | ng | | 96 |
| 54) Dibenzofuran | 14.73 | 168 | 2377555 | 36.893 | ng | | 97 |
| 55) 4-Nitrophenol | 14.55 | 139 | 344846 | 35.088 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 14.70 | 165 | 574789 | 35.846 | ng | | 88 |
| 57) Fluorene | 15.37 | 166 | 1752278 | 36.075 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 475815 | 36.162 | ng | | 94 |
| 59) Diethylphthalate | 15.16 | 149 | 1892419 | 34.962 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204 | 983175 | 36.579 | ng | | 98 |
| 61) 4-Nitroaniline | 15.40 | 138 | 459649 | 35.224 | ng | | 93 |
| 62) Azobenzene | 15.67 | 77 | 1902404 | 36.629 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 325741 | 38.525 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 15.59 | 169 | 1631199 | 39.251 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 568256 | 38.759 | ng | # | 92 |
| 67) Hexachlorobenzene | 16.38 | 284 | 623917 | 38.474 | ng | | 98 |
| 68) Atrazine | 16.55 | 200 | 514323 | 36.759 | ng | | 97 |
| 69) Pentachlorophenol | 16.73 | 266 | 396992 | 38.031 | ng | | 98 |
| 70) Phenanthrene | 17.12 | 178 | 2590826 | 37.900 | ng | | 99 |
| 71) Anthracene | 17.20 | 178 | 2553221 | 37.735 | ng | | 98 |
| 72) Carbazole | 17.47 | 167 | 2514490 | 37.037 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.05 | 149 | 2920916 | 36.883 | ng | | 99 |
| 74) Fluoranthene | 19.13 | 202 | 2738932 | 36.903 | ng | | 98 |
| 76) Benzidine | 19.32 | 184 | 1323448 | 36.456 | ng | | 96 |
| 77) Pyrene | 19.50 | 202 | 2810577 | 36.615 | ng | | 100 |
| 79) Butylbenzylphthalate | 20.41 | 149 | 1230154 | 36.816 | ng | | 93 |
| 80) Benzo(a)anthracene | 21.25 | 228 | 2526342 | 37.239 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.19 | 252 | 1017610 | 38.502 | ng | | 98 |
| 82) Chrysene | 21.30 | 228 | 2437439 | 37.735 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1749068 | 37.538 | ng | | 96 |
| 84) Di-n-octyl phthalate | 22.07 | 149 | 2901692 | 39.276 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 2723988 | 43.254 | ng | # | 95 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 2383242 | 36.730 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 2394940m | 37.479 | ng | | |
| 89) Benzo(a)pyrene | 23.40 | 252 | 2306889 | 38.070 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 25.74 | 278 | 2292960 | 40.304 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 26.40 | 276 | 2234175 | 40.635 | ng | # | 95 |

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

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