Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022739.D
Acq On : 20 Sep 2019 23:21
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040EC

Quant Time: Sep 21 02:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 206842 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.62 | 136 | 838177 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.46 | 164 | 481789 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.20 | 188 | 922971 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.37 | 240 | 878128 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.64 | 264 | 889688 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1021959 | 78.36 | ng | 0.00 |
| 7) Phenol-d6 | 6.99 | 99 | 1331467 | 79.49 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.98 | 82 | 1190182 | 78.82 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.94 | 330 | 473411 | 78.71 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.08 | 172 | 2749084 | 78.57 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.82 | 244 | 3800650 | 83.81 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 202340 | 38.557 | ng | # 100 |
| 3) Pyridine | 3.72 | 79 | 571900 | 41.344 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 200728 | 39.862 | ng | 95 |
| 6) Aniline | 7.15 | 93 | 798072 | 39.734 | ng | 100 |
| 8) 2-Chlorophenol | 7.39 | 128 | 521860 | 39.273 | ng | 99 |
| 9) Benzaldehyde | 6.96 | 77 | 433993 | 45.501 | ng | 99 |
| 10) Phenol | 7.02 | 94 | 623629 | 39.544 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.25 | 93 | 497204 | 40.129 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.72 | 146 | 621605 | 39.140 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.86 | 146 | 625800 | 38.922 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.17 | 146 | 597875 | 39.004 | ng | 100 |
| 15) Benzyl Alcohol | 8.06 | 79 | 418645 | 39.941 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 723239 | 40.183 | ng | 98 |
| 17) 2-Methylphenol | 8.26 | 107 | 418628 | 40.104 | ng | 99 |
| 18) Hexachloroethane | 8.90 | 117 | 228731 | 38.787 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.63 | 70 | 382617 | 40.904 | ng | 100 |
| 20) 3+4-Methylphenols | 8.59 | 107 | 557283 | 40.083 | ng | 99 |
| 22) Acetophenone | 8.65 | 105 | 885167 | 42.783 | ng | 99 |
| 24) Nitrobenzene | 9.02 | 77 | 573111 | 39.670 | ng | 100 |
| 25) Isophorone | 9.55 | 82 | 993631 | 40.021 | ng | 100 |
| 26) 2-Nitrophenol | 9.73 | 139 | 238234 | 38.198 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.79 | 122 | 414281 | 39.678 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93 | 681337 | 39.658 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.26 | 162 | 464750 | 39.370 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.48 | 180 | 560761 | 38.610 | ng | 99 |
| 31) Naphthalene | 10.67 | 128 | 1615312 | 39.004 | ng | 100 |
| 32) Benzoic acid | 9.93 | 122 | 307339 | 43.273 | ng | 96 |
| 33) 4-Chloroaniline | 10.77 | 127 | 710558 | 39.516 | ng | 99 |
| 34) Hexachlorobutadiene | 10.96 | 225 | 332495 | 38.405 | ng | 100 |
| 35) Caprolactam | 11.55 | 113 | 139069 | 39.738 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 11.89 | 107 | 458092 | 39.775 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.28 | 142 | 1133169 | 39.308 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.50 | 142 | 1070010 | 39.103 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 724046 | 44.352 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.64 | 237 | 340871 | 38.270 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.89 | 196 | 367418 | 38.995 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.96 | 196 | 380797 | 38.783 | ng | | 100 |
| 46) 1,1'-Biphenyl | 13.29 | 154 | 1730309 | 43.394 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.33 | 162 | 1160299 | 39.041 | ng | | 100 |
| 48) 2-Nitroaniline | 13.53 | 65 | 312274 | 40.351 | ng | | 95 |
| 49) Acenaphthylene | 14.18 | 152 | 1721990 | 39.126 | ng | | 100 |
| 50) Dimethylphthalate | 13.92 | 163 | 1356007 | 38.946 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.03 | 165 | 285369 | 39.183 | ng | | 99 |
| 52) Acenaphthene | 14.52 | 154 | 1129805 | 39.239 | ng | | 100 |
| 53) 3-Nitroaniline | 14.36 | 138 | 330217 | 39.385 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.56 | 184 | 126508 | 36.224 | ng | | 99 |
| 55) Dibenzofuran | 14.86 | 168 | 1623906 | 38.632 | ng | | 100 |
| 56) 4-Nitrophenol | 14.66 | 139 | 253253 | 39.298 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.81 | 165 | 374870 | 39.290 | ng | | 95 |
| 58) Fluorene | 15.50 | 166 | 1332274 | 39.003 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.08 | 232 | 331128 | 38.669 | ng | | 99 |
| 60) Diethylphthalate | 15.28 | 149 | 1326332 | 39.177 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204 | 687205 | 39.154 | ng | | 98 |
| 62) 4-Nitroaniline | 15.52 | 138 | 347116 | 39.489 | ng | | 99 |
| 63) Azobenzene | 15.79 | 77 | 1227972 | 40.166 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198 | 165215 | 37.329 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.71 | 169 | 1124239 | 39.871 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.39 | 248 | 403957 | 39.350 | ng | | 99 |
| 68) Hexachlorobenzene | 16.51 | 284 | 471610 | 39.394 | ng | | 99 |
| 69) Atrazine | 16.66 | 200 | 364711 | 39.788 | ng | | 99 |
| 70) Pentachlorophenol | 16.84 | 266 | 252369 | 39.528 | ng | | 99 |
| 71) Phenanthrene | 17.24 | 178 | 2043251 | 39.233 | ng | | 99 |
| 72) Anthracene | 17.33 | 178 | 2006185 | 39.747 | ng | | 99 |
| 73) Carbazole | 17.59 | 167 | 1851722 | 39.425 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.16 | 149 | 2140015 | 40.183 | ng | | 100 |
| 75) Fluoranthene | 19.25 | 202 | 2280882 | 38.812 | ng | | 99 |
| 77) Benzidine | 19.43 | 184 | 1018390 | 42.274 | ng | | 99 |
| 78) Pyrene | 19.61 | 202 | 2359360 | 40.998 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.51 | 149 | 892534 | 40.809 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.36 | 228 | 2261048 | 39.728 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.29 | 252 | 804109 | 39.841 | ng | | 99 |
| 83) Chrysene | 21.40 | 228 | 2178853 | 39.489 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 1340723 | 41.372 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.17 | 149 | 2062519 | 39.934 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.95 | 276 | 2403641 | 36.499 | ng | # | 100 |
| 88) Benzo(b)fluoranthene | 22.96 | 252 | 2171789 | 40.317 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.00 | 252 | 2125205 | 39.761 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.54 | 252 | 1972914 | 39.747 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 25.96 | 278 | 2004299 | 38.603 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.66 | 276 | 1866641 | 37.852 | ng | | 100 |

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

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