Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017285.D
Acq On : 23 Oct 2018 15:22
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
10/24/2018 10:57:24 AM

Quant Time: Oct 24 07:02:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 250467 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.43 | 136 | 1119449 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.30 | 164 | 656411 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.06 | 188 | 1452457 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.25 | 240 | 1660279 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.46 | 264 | 1506330 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 1329979 | 89.81 | ng | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 1799441 | 89.22 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 1736096 | 90.70 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 830174 | 93.52 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 4136210 | 83.84 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.69 | 244 | 6690388 | 90.83 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 302202 | 39.963 | ng | # 86 |
| 3) Pyridine | 3.65 | 79 | 761353 | 43.757 | ng | # 87 |
| 4) n-Nitrosodimethylamine | 3.56 | 42 | 288900 | 41.361 | ng | # 78 |
| 6) Aniline | 7.00 | 93 | 1055003 | 41.820 | ng | 98 |
| 8) 2-Chlorophenol | 7.23 | 128 | 772315 | 45.080 | ng | 98 |
| 9) Benzaldehyde | 6.82 | 77 | 494976 | 38.490 | ng | 97 |
| 10) Phenol | 6.87 | 94 | 945504 | 43.559 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 753894 | 43.568 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.55 | 146 | 856841 | 42.904 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 868370 | 42.558 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.01 | 146 | 847635 | 43.117 | ng | 99 |
| 15) Benzyl Alcohol | 7.91 | 79 | 716556 | 48.605 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 993601 | 41.101 | ng | 98 |
| 17) 2-Methylphenol | 8.11 | 107 | 635627 | 45.622 | ng | 99 |
| 18) Hexachloroethane | 8.72 | 117 | 309357 | 44.303 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 619899 | 46.678 | ng | 98 |
| 20) 3+4-Methylphenols | 8.44 | 107 | 896435 | 47.042 | ng | 98 |
| 22) Acetophenone | 8.48 | 105 | 1195438 | 42.128 | ng | # 100 |
| 24) Nitrobenzene | 8.86 | 77 | 878386 | 43.385 | ng | 94 |
| 25) Isophorone | 9.38 | 82 | 1452827 | 45.966 | ng | 98 |
| 26) 2-Nitrophenol | 9.56 | 139 | 462175 | 48.683 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 642857 | 45.998 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.86 | 93 | 972193 | 43.702 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.09 | 162 | 762058 | 46.963 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.30 | 180 | 832919 | 42.788 | ng | 98 |
| 31) Naphthalene | 10.49 | 128 | 2286014 | 41.670 | ng | 100 |
| 32) Benzoic acid | 9.80 | 122 | 628696 | 60.290 | ng | 93 |
| 33) 4-Chloroaniline | 10.60 | 127 | 987373 | 41.673 | ng | 98 |
| 34) Hexachlorobutadiene | 10.76 | 225 | 512884 | 41.583 | ng | 97 |
| 35) Caprolactam | 11.43 | 113 | 298459 | 50.469 | ng | 90 |
| 36) 4-Chloro-3-methylphenol | 11.74 | 107 | 857046 | 46.856 | ng | 96 |
| 37) 2-Methylnaphthalene | 12.10 | 142 | 1639182 | 43.664 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 1585454 | 43.392 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216 | 982884 | 42.519 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.45 | 237 | 527804 | 47.229 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 649208 | 48.379 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 684877 | 47.594 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.13 | 154 | 2475286 | 41.904 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.17 | 162 | 1832535 | 42.170 | ng | | 99 |
| 48) 2-Nitroaniline | 13.39 | 65 | 581253 | 47.422 | ng | | 98 |
| 49) Acenaphthylene | 14.02 | 152 | 2751729 | 43.685 | ng | | 99 |
| 50) Dimethylphthalate | 13.77 | 163 | 2292232 | 45.263 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.89 | 165 | 518378 | 46.507 | ng | | 99 |
| 52) Acenaphthene | 14.37 | 154 | 1675274 | 42.359 | ng | | 97 |
| 53) 3-Nitroaniline | 14.23 | 138 | 485399 | 40.209 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.43 | 184 | 316433 | 51.642 | ng | | 96 |
| 55) Dibenzofuran | 14.70 | 168 | 2712410 | 41.241 | ng | | 99 |
| 56) 4-Nitrophenol | 14.56 | 139 | 476996 | 45.515 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.68 | 165 | 731127 | 48.804 | ng | # | 98 |
| 58) Fluorene | 15.36 | 166 | 2072516 | 42.573 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 610351 | 46.532 | ng | | 98 |
| 60) Diethylphthalate | 15.14 | 149 | 2922308 | 58.187 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 1161743 | 41.860 | ng | | 96 |
| 62) 4-Nitroaniline | 15.39 | 138 | 519827 | 39.518 | ng | | 98 |
| 63) Azobenzene | 15.65 | 77 | 2131185 | 43.658 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198 | 457401 | 48.889 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.57 | 169 | 2046759 | 46.577 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.25 | 248 | 752131 | 47.161 | ng | | 96 |
| 68) Hexachlorobenzene | 16.36 | 284 | 829235 | 44.762 | ng | | 97 |
| 69) Atrazine | 16.54 | 200 | 749277 | 47.641 | ng | | 98 |
| 70) Pentachlorophenol | 16.71 | 266 | 627935 | 49.481 | ng | | 99 |
| 71) Phenanthrene | 17.10 | 178 | 3296584 | 42.067 | ng | | 99 |
| 72) Anthracene | 17.19 | 178 | 3390093 | 45.529 | ng | | 99 |
| 73) Carbazole | 17.47 | 167 | 3471491 | 45.641 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.03 | 149 | 4255819 | 53.049 | ng | | 99 |
| 75) Fluoranthene | 19.12 | 202 | 4038194 | 45.794 | ng | | 99 |
| 78) Pyrene | 19.49 | 202 | 4206989 | 45.337 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 2021841 | 55.874 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.23 | 228 | 4115083 | 44.044 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.17 | 252 | 1140920 | 32.764 | ng | | 98 |
| 83) Chrysene | 21.29 | 228 | 3894590 | 42.114 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 2929257 | 53.532 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.05 | 149 | 4904552 | 52.938 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 3538256 | 34.208 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 3585774m | 43.540 | ng | | |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 3652858 | 44.203 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 3364954 | 43.033 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.69 | 278 | 3015108 | 38.832 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.35 | 276 | 2872554 | 37.328 | ng | | 99 |

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

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