Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020748.D
Acq On : 05 Jun 2019 22:13
Operator : HP/JU
Sample : IDOC-03-RC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Manual Integrations APPROVED
mohammad
6/6/2019 11:22:06 AM

Quant Time: Jun 06 03:42:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 361058 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.61 | 136 | 1402176 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.46 | 164 | 740730 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.20 | 188 | 1404333 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.38 | 240 | 1136335 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 23.67 | 264 | 1283434 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 2858293 | 139.26 | ng | -0.01 |
| 7) Phenol-d6 | 6.99 | 99 | 3712778 | 122.85 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.99 | 82 | 2227842 | 82.32 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.95 | 330 | 1260732 | 137.37 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.08 | 172 | 4972360 | 89.24 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.83 | 244 | 5385414 | 79.27 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 328946 | 39.143 | ng | 95 |
| 3) Pyridine | 3.74 | 79 | 944704 | 35.333 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.66 | 42 | 427956 | 37.130 | ng | 92 |
| 6) Aniline | 7.16 | 93 | 1328853 | 30.387 | ng | 98 |
| 8) 2-Chlorophenol | 7.39 | 128 | 1109872 | 43.465 | ng | 98 |
| 9) Benzaldehyde | 6.97 | 77 | 332031 | 15.187 | ng | 96 |
| 10) Phenol | 7.02 | 94 | 1355761 | 41.626 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.26 | 93 | 995321 | 38.345 | ng | 95 |
| 12) 1,3-Dichlorobenzene | 7.71 | 146 | 1158028 | 39.460 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.86 | 146 | 1181713 | 39.610 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.17 | 146 | 1132212 | 38.997 | ng | 99 |
| 15) Benzyl Alcohol | 8.06 | 79 | 978358 | 36.591 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 1340647 | 33.454 | ng | 99 |
| 17) 2-Methylphenol | 8.26 | 107 | 902822 | 39.420 | ng | 98 |
| 18) Hexachloroethane | 8.89 | 117 | 427710 | 37.445 | ng | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.63 | 70 | 812813 | 33.456 | ng | 97 |
| 20) 3+4-Methylphenols | 8.59 | 107 | 1194848 | 38.345 | ng | 97 |
| 22) Acetophenone | 8.65 | 105 | 1539322 | 43.215 | ng | 97 |
| 24) Nitrobenzene | 9.03 | 77 | 1198515 | 43.381 | ng | 97 |
| 25) Isophorone | 9.55 | 82 | 2113262 | 39.256 | ng | 99 |
| 26) 2-Nitrophenol | 9.73 | 139 | 533231 | 51.787 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.79 | 122 | 967381 | 50.138 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93 | 1310681 | 40.268 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.26 | 162 | 1007206 | 47.183 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.47 | 180 | 1110787 | 45.254 | ng | 98 |
| 31) Naphthalene | 10.66 | 128 | 3163285 | 43.871 | ng | 99 |
| 32) Benzoic acid | 9.93 | 122 | 541345m | 44.942 | ng | |
| 33) 4-Chloroaniline | 10.77 | 127 | 534308 | 15.922 | ng | 96 |
| 34) Hexachlorobutadiene | 10.94 | 225 | 650958 | 44.200 | ng | 99 |
| 35) Caprolactam | 11.57 | 113 | 272960m | 36.807 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.89 | 107 | 1003435 | 40.430 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.27 | 142 | 2273239 | 42.534 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.49 | 142 | 2149452 | 42.237 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216 | 1195654 | 49.256 | ng | 100 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.62 | 237 | 1502099 | 103.465 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.88 | 196 | 756300 | 48.403 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.95 | 196 | 796525 | 49.378 ng | 95 |
| 46) 1,1'-Biphenyl | 13.29 | 154 | 2838104 | 45.877 ng | 99 |
| 47) 2-Chloronaphthalene | 13.33 | 162 | 2196582 | 43.994 ng | 98 |
| 48) 2-Nitroaniline | 13.54 | 65 | 600987 | 38.350 ng | 92 |
| 49) Acenaphthylene | 14.18 | 152 | 3420754 | 43.909 ng | 100 |
| 50) Dimethylphthalate | 13.92 | 163 | 2559534 | 40.445 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.04 | 165 | 557660 | 43.398 ng | 89 |
| 52) Acenaphthene | 14.52 | 154 | 1989418 | 42.851 ng | 98 |
| 53) 3-Nitroaniline | 14.37 | 138 | 351575 | 24.513 ng | 95 |
| 54) 2,4-Dinitrophenol | 14.57 | 184 | 466302 | 83.957 ng | 91 |
| 55) Dibenzofuran | 14.86 | 168 | 3111294 | 43.149 ng | 97 |
| 56) 4-Nitrophenol | 14.67 | 139 | 852712 | 80.679 ng | 91 |
| 57) 2,4-Dinitrotoluene | 14.83 | 165 | 718696 | 41.772 ng | 94 |
| 58) Fluorene | 15.51 | 166 | 2447357 | 41.273 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.08 | 232 | 660470 | 46.987 ng | 95 |
| 60) Diethylphthalate | 15.29 | 149 | 2449623 | 37.532 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204 | 1307091 | 41.632 ng | 94 |
| 62) 4-Nitroaniline | 15.53 | 138 | 509191 | 33.475 ng | 93 |
| 63) Azobenzene | 15.80 | 77 | 2311242 | 36.937 ng | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 286411 | 45.407 ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.72 | 169 | 2066292 | 45.963 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.40 | 248 | 756030 | 45.724 ng | 95 |
| 68) Hexachlorobenzene | 16.50 | 284 | 861764 | 44.633 ng | 94 |
| 69) Atrazine | 16.67 | 200 | 639604 | 47.670 ng | 100 |
| 70) Pentachlorophenol | 16.85 | 266 | 961646 | 104.403 ng | 98 |
| 71) Phenanthrene | 17.24 | 178 | 3422140 | 42.990 ng | 99 |
| 72) Anthracene | 17.33 | 178 | 3470139 | 43.555 ng | 100 |
| 73) Carbazole | 17.61 | 167 | 2950020 | 40.803 ng | 99 |
| 74) Di-n-butylphthalate | 18.17 | 149 | 3511472 | 37.414 ng | 100 |
| 75) Fluoranthene | 19.26 | 202 | 3556099 | 40.171 ng | 99 |
| 77) Benzidine | 19.45 | 184 | 1494350 | 43.400 ng | 100 |
| 78) Pyrene | 19.62 | 202 | 3568087 | 40.918 ng | 100 |
| 80) Butylbenzylphthalate | 20.52 | 149 | 1352411 | 36.699 ng | 95 |
| 81) Benzo(a)anthracene | 21.36 | 228 | 3276991 | 41.411 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.30 | 252 | 1060584 | 36.600 ng | 99 |
| 83) Chrysene | 21.41 | 228 | 3226344 | 42.892 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 1851436 | 34.568 ng | 99 |
| 85) Di-n-octyl phthalate | 22.19 | 149 | 3040474 | 35.757 ng | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 4701606 | 61.096 ng | 98 |
| 88) Benzo(b)fluoranthene | 22.98 | 252 | 3697449 | 43.588 ng | 99 |
| 89) Benzo(k)fluoranthene | 23.03 | 252 | 3466222 | 41.813 ng | 99 |
| 90) Benzo(a)pyrene | 23.57 | 252 | 3598104 | 46.764 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.00 | 278 | 3945514 | 52.855 ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.70 | 276 | 3849001 | 55.512 ng | 98 |

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

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