Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105140.D
Acq On : 8 May 2018 12:06
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC025

**Manual Integrations APPROVED**
Sohil
5/9/2018 6:50:34 PM

Quant Time: May 08 14:49:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 200472 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 802335 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 396320 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 756711 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.03 | 240 | 621221 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.60 | 264 | 590536 | 20.00 | ng | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 639727 | 48.79 | ng | | 0.00 |
| 7) Phenol-d6 | 6.41 | 99 | 748452 | 46.46 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 591862 | 48.17 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 223744 | 54.42 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1349562 | 53.79 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.91 | 244 | 1360301 | 49.92 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 157320 | 25.752 | ng | | 87 |
| 3) Pyridine | 3.24 | 79 | 438261 | 25.516 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.19 | 42 | 219609 | 36.576 | ng | | 84 |
| 6) Aniline | 6.46 | 93 | 537172 | 24.002 | ng | | 97 |
| 8) 2-Chlorophenol | 6.57 | 128 | 339930 | 24.565 | ng | | 97 |
| 9) Benzaldehyde | 6.35 | 77 | 295190 | 36.722 | ng | | 99 |
| 10) Phenol | 6.43 | 94 | 417013 | 24.398 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 337930 | 24.776 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 393577 | 25.105 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 396910 | 25.398 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 374526 | 25.862 | ng | | 98 |
| 15) Benzyl Alcohol | 6.93 | 79 | 287500 | 23.498 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 632120 | 34.509 | ng | | 96 |
| 17) 2-Methylphenol | 7.04 | 107 | 287292 | 23.884 | ng | | 99 |
| 18) Hexachloroethane | 7.30 | 117 | 126773 | 22.753 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 248249 | 23.583 | ng | | 90 |
| 20) 3+4-Methylphenols | 7.19 | 107 | 354408 | 23.756 | ng | | 89 |
| 22) Acetophenone | 7.20 | 105 | 482969 | 24.450 | ng | # | 96 |
| 24) Nitrobenzene | 7.37 | 77 | 342515 | 25.248 | ng | | 95 |
| 25) Isophorone | 7.62 | 82 | 676754 | 26.046 | ng | | 99 |
| 26) 2-Nitrophenol | 7.69 | 139 | 86682 | 15.695 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 311599 | 27.173 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 423181 | 26.638 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 284004 | 25.957 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 325125 | 27.076 | ng | | 98 |
| 31) Naphthalene | 8.10 | 128 | 1000553 | 25.044 | ng | | 100 |
| 32) Benzoic acid | 7.82 | 122 | 96815m | 10.581 | ng | | |
| 33) 4-Chloroaniline | 8.15 | 127 | 423489 | 24.742 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 190068 | 28.898 | ng | | 99 |
| 35) Caprolactam | 8.50 | 113 | 83053 | 21.759 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 296273 | 25.253 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 707696 | 27.385 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 331017 | 29.177 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.94 | 237 | 162705 | 25.618 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 196832 | 24.993 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 207330 | 23.526 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 853188 | 25.626 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.27 | 162 | 628142 | 23.886 | ng | | 97 |
| 47) 2-Nitroaniline | 9.37 | 65 | 146945 | 22.595 | ng | | 85 |
| 48) Acenaphthylene | 9.69 | 152 | 981068 | 23.778 | ng | | 99 |
| 49) Dimethylphthalate | 9.55 | 163 | 703387 | 22.506 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 143311 | 24.781 | ng | | 93 |
| 51) Acenaphthene | 9.86 | 154 | 610778 | 24.262 | ng | | 97 |
| 52) 3-Nitroaniline | 9.78 | 138 | 151970 | 22.447 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.88 | 184 | 23220 | 13.209 | ng | # | 20 |
| 54) Dibenzofuran | 10.03 | 168 | 921839 | 26.276 | ng | | 100 |
| 55) 4-Nitrophenol | 9.93 | 139 | 115914 | 21.796 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.01 | 165 | 173681 | 22.896 | ng | | 92 |
| 57) Fluorene | 10.37 | 166 | 675074 | 26.436 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.14 | 232 | 185187 | 28.166 | ng | # | 88 |
| 59) Diethylphthalate | 10.25 | 149 | 704722 | 22.641 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 325811 | 28.649 | ng | | 89 |
| 61) 4-Nitroaniline | 10.39 | 138 | 148308 | 22.404 | ng | | 94 |
| 62) Azobenzene | 10.53 | 77 | 710130 | 23.880 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 42408 | 12.900 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 612245 | 23.335 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 212873 | 26.447 | ng | # | 85 |
| 67) Hexachlorobenzene | 10.92 | 284 | 242230 | 26.746 | ng | # | 87 |
| 68) Atrazine | 11.02 | 200 | 196433 | 24.803 | ng | | 98 |
| 69) Pentachlorophenol | 11.12 | 266 | 123542 | 22.049 | ng | | 98 |
| 70) Phenanthrene | 11.34 | 178 | 1045961 | 24.821 | ng | | 99 |
| 71) Anthracene | 11.39 | 178 | 1085358 | 25.337 | ng | | 99 |
| 72) Carbazole | 11.54 | 167 | 970922 | 23.195 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.88 | 149 | 1053956 | 20.612 | ng | | 99 |
| 74) Fluoranthene | 12.53 | 202 | 1117195 | 25.374 | ng | | 98 |
| 76) Benzidine | 12.66 | 184 | 614090 | 28.559 | ng | | 99 |
| 77) Pyrene | 12.76 | 202 | 1137169 | 24.696 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 316675 | 14.598 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 980906 | 26.431 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.98 | 252 | 363218 | 26.249 | ng | # | 96 |
| 82) Chrysene | 14.06 | 228 | 991277 | 26.004 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149 | 474111 | 16.991 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.72 | 149 | 724148 | 15.532 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 17.04 | 276 | 770075 | 23.781 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 15.17 | 252 | 955624 | 25.622 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.20 | 252 | 903195 | 25.650 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.53 | 252 | 870720 | 26.092 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.07 | 278 | 638447 | 23.294 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.48 | 276 | 626219 | 23.583 | ng | | 95 |

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

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