Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080587.D
Acq On : 23 Jul 2015 7:22
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

**Manual Integrations APPROVED**
apatel
7/23/2015 11:51:53 AM

Quant Time: Jul 23 07:48:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 34967 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 137078 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 61415 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.49 | 188 | 105417 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.34 | 240 | 68011 | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 16.07 | 264 | 39613 | 20.00 | ng | | 0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 161703 | 82.01 | ng | | 0.00 |
| 7) Phenol-d6 | 6.57 | 99 | 208122 | 85.70 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 206322 | 96.95 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 40026 | 89.57 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 347445 | 81.35 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.14 | 244 | 315639 | 95.17 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 35758 | 34.89 | ng | # | 100 |
| 3) Pyridine | 3.28 | 79 | 99945 | 42.00 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.18 | 42 | 64519 | 42.92 | ng | # | 93 |
| 6) Aniline | 6.61 | 93 | 146899 | 40.37 | ng | | 95 |
| 8) 2-Chlorophenol | 6.73 | 128 | 88559 | 42.89 | ng | # | 71 |
| 9) Benzaldehyde | 6.50 | 77 | 72432 | 39.64 | ng | | 93 |
| 10) Phenol | 6.58 | 94 | 129218 | 44.74 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.68 | 93 | 89415 | 43.10 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 109998 | 41.18 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.98 | 146 | 104400 | 41.03 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 106610 | 43.44 | ng | | 99 |
| 15) Benzyl Alcohol | 7.09 | 79 | 86541 | 43.04 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 161875 | 37.26 | ng | | 97 |
| 17) 2-Methylphenol | 7.20 | 107 | 71561 | 40.63 | ng | | 94 |
| 18) Hexachloroethane | 7.48 | 117 | 38103 | 42.48 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 67048 | 42.99 | ng | # | 95 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 93560 | 42.12 | ng | | 97 |
| 22) Acetophenone | 7.37 | 105 | 130939 | 40.01 | ng | | 98 |
| 24) Nitrobenzene | 7.54 | 77 | 100848 | 39.55 | ng | | 99 |
| 25) Isophorone | 7.78 | 82 | 179457 | 39.92 | ng | | 99 |
| 26) 2-Nitrophenol | 7.86 | 139 | 37724 | 56.11 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 79917 | 42.00 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93 | 93605 | 38.82 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 69580 | 45.75 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 85286 | 40.10 | ng | | 98 |
| 31) Naphthalene | 8.27 | 128 | 278178 | 40.87 | ng | | 98 |
| 32) Benzoic acid | 7.95 | 122 | 35955m | 56.61 | ng | | |
| 33) 4-Chloroaniline | 8.32 | 127 | 107744 | 41.13 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.40 | 225 | 49685 | 40.00 | ng | | 99 |
| 35) Caprolactam | 8.65 | 113 | 18595 | 43.35 | ng | # | 65 |
| 36) 4-Chloro-3-methylphenol | 8.78 | 107 | 83711 | 44.51 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 157434 | 41.30 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 87061 | 41.35 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 45360 | 50.00 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.23 | 196 | 47474 | 45.53 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.26 | 196 | 50096 | 45.97 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.42 | 154 | 205286 | 39.88 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.45 | 162 | 167888 | 41.29 | ng | | 96 |
| 47) 2-Nitroaniline | 9.54 | 65 | 46686 | 48.67 | ng | | 92 |
| 48) Acenaphthylene | 9.87 | 152 | 243152 | 40.74 | ng | | 99 |
| 49) Dimethylphthalate | 9.72 | 163 | 188776 | 43.77 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.78 | 165 | 34881 | 48.24 | ng | | 97 |
| 51) Acenaphthene | 10.04 | 154 | 142364 | 40.61 | ng | | 100 |
| 52) 3-Nitroaniline | 9.95 | 138 | 33889 | 46.23 | ng | | 97 |
| 53) 2,4-Dinitrophenol | 10.05 | 184 | 7789 | 60.55 | ng | # | 73 |
| 54) Dibenzofuran | 10.21 | 168 | 209137 | 40.61 | ng | | 99 |
| 55) 4-Nitrophenol | 10.09 | 139 | 26916 | 47.46 | ng | | 100 |
| 56) 2,4-Dinitrotoluene | 10.18 | 165 | 40889 | 49.63 | ng | | 96 |
| 57) Fluorene | 10.56 | 166 | 170171 | 41.35 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 37230 | 42.20 | ng | | 97 |
| 59) Diethylphthalate | 10.42 | 149 | 170661 | 42.88 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204 | 74483 | 41.97 | ng | | 99 |
| 61) 4-Nitroaniline | 10.56 | 138 | 34480 | 43.28 | ng | | 95 |
| 62) Azobenzene | 10.70 | 77 | 184676 | 42.13 | ng | | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 10.59 | 198 | 11759 | 56.14 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.66 | 169 | 145408 | 41.84 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 45277 | 44.63 | ng | | 94 |
| 67) Hexachlorobenzene | 11.10 | 284 | 49341 | 42.81 | ng | | 100 |
| 68) Atrazine | 11.18 | 200 | 44104 | 47.30 | ng | | 98 |
| 69) Pentachlorophenol | 11.29 | 266 | 22810 | 49.85 | ng | | 99 |
| 70) Phenanthrene | 11.52 | 178 | 240718 | 40.23 | ng | | 98 |
| 71) Anthracene | 11.57 | 178 | 220245 | 39.77 | ng | | 99 |
| 72) Carbazole | 11.72 | 167 | 200205 | 39.91 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.06 | 149 | 260995 | 44.61 | ng | # | 98 |
| 74) Fluoranthene | 12.74 | 202 | 216485 | 39.99 | ng | | 97 |
| 76) Benzidine | 12.87 | 184 | 98523 | 48.72 | ng | | 97 |
| 77) Pyrene | 12.98 | 202 | 214894 | 46.41 | ng | | 97 |
| 79) Butylbenzylphthalate | 13.68 | 149 | 74435 | 49.71 | ng | # | 78 |
| 80) Benzo(a)anthracene | 14.33 | 228 | 160610 | 41.56 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.29 | 252 | 47016 | 40.27 | ng | | 95 |
| 82) Chrysene | 14.37 | 228 | 153942 | 39.86 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 14.35 | 149 | 107283 | 43.25 | ng | | 97 |
| 84) Di-n-octyl phthalate | 15.13 | 149 | 135873 | 43.78 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 17.60 | 276 | 157880 | 57.53 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.61 | 252 | 96795 | 38.86 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.64 | 252 | 111027m | 45.02 | ng | | |
| 89) Benzo(a)pyrene | 16.00 | 252 | 89716 | 41.57 | ng | # | 93 |
| 90) Dibenzo(a,h)anthracene | 17.62 | 278 | 123355 | 66.96 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 18.05 | 276 | 168734 | 90.07 | ng | # | 92 |

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

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