Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085161.D
Acq On : 3 Mar 2016 17:29
Operator : SJ/UM
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
UMANGI
3/4/2016 4:28:27 PM

Quant Time: Mar 04 00:24:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.98 | 152 | 188851 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 731936 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 347235 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 637488 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.15 | 240 | 392757 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.61 | 264 | 312800 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 1208489 | 104.54 | ng | 0.00 |
| 7) Phenol-d6 | 6.61 | 99 | 1606173 | 106.08 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.56 | 82 | 1659885 | 121.08 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 339112 | 99.96 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.35 | 172 | 2464842 | 105.26 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.09 | 244 | 2010188 | 119.45 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.66 | 88 | 327306 | 57.11 | ng | 100 |
| 3) Pyridine | 3.44 | 79 | 805139 | 55.32 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.40 | 42 | 363912 | 54.89 | ng | 96 |
| 6) Aniline | 6.65 | 93 | 1188797 | 55.34 | ng | 96 |
| 8) 2-Chlorophenol | 6.77 | 128 | 747215 | 55.71 | ng | 99 |
| 9) Benzaldehyde | 6.53 | 77 | 354729 | 45.04 | ng | 99 |
| 10) Phenol | 6.62 | 94 | 837342m | 49.82 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.72 | 93 | 782487 | 58.23 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.93 | 146 | 828862 | 57.68 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.00 | 146 | 772301 | 52.88 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.16 | 146 | 737837 | 56.66 | ng | 99 |
| 15) Benzyl Alcohol | 7.12 | 79 | 578622 | 52.18 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.26 | 45 | 1028315 | 52.07 | ng | 100 |
| 17) 2-Methylphenol | 7.24 | 107 | 653823 | 58.37 | ng | 99 |
| 18) Hexachloroethane | 7.50 | 117 | 311084 | 57.33 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70 | 574443 | 57.97 | ng | 97 |
| 20) 3+4-Methylphenols | 7.38 | 107 | 702012 | 52.56 | ng | 99 |
| 22) Acetophenone | 7.40 | 105 | 946813 | 51.34 | ng | 97 |
| 24) Nitrobenzene | 7.57 | 77 | 755639 | 52.68 | ng | 99 |
| 25) Isophorone | 7.81 | 82 | 1508299 | 57.53 | ng | 99 |
| 26) 2-Nitrophenol | 7.89 | 139 | 431591 | 67.25 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.92 | 122 | 770901 | 62.20 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.01 | 93 | 789910 | 54.32 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.13 | 162 | 605360 | 59.66 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.21 | 180 | 605259 | 54.50 | ng | 100 |
| 31) Naphthalene | 8.29 | 128 | 1943700 | 52.78 | ng | 100 |
| 32) Benzoic acid | 8.05 | 122 | 543400 | 88.93 | ng | 98 |
| 33) 4-Chloroaniline | 8.33 | 127 | 815243 | 55.74 | ng | 100 |
| 34) Hexachlorobutadiene | 8.41 | 225 | 338179 | 53.67 | ng | 99 |
| 35) Caprolactam | 8.72 | 113 | 194562 | 60.74 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.81 | 107 | 620543 | 55.19 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.98 | 142 | 1351643 | 59.43 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 522640 | 49.59 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 9.13 | 237 | 311637 | 52.51 | ng | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.26 | 196 | 427524 | 59.69 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.29 | 196 | 402867 | 58.73 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.44 | 154 | 1609730 | 53.28 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.48 | 162 | 1291578 | 57.90 | ng | | 98 |
| 47) 2-Nitroaniline | 9.57 | 65 | 435544 | 62.46 | ng | # | 66 |
| 48) Acenaphthylene | 9.89 | 152 | 1835096 | 54.58 | ng | | 100 |
| 49) Dimethylphthalate | 9.75 | 163 | 1504518 | 58.30 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.81 | 165 | 329738 | 61.58 | ng | | 94 |
| 51) Acenaphthene | 10.06 | 154 | 1130302 | 53.74 | ng | | 99 |
| 52) 3-Nitroaniline | 9.98 | 138 | 420214 | 66.34 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 10.08 | 184 | 162760 | 92.56 | ng | # | 30 |
| 54) Dibenzofuran | 10.23 | 168 | 1512649 | 55.25 | ng | | 99 |
| 55) 4-Nitrophenol | 10.13 | 139 | 330687 | 67.38 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 10.21 | 165 | 402921 | 55.95 | ng | | 95 |
| 57) Fluorene | 10.57 | 166 | 1207293 | 55.92 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.34 | 232 | 291457 | 56.90 | ng | | 98 |
| 59) Diethylphthalate | 10.45 | 149 | 1510780 | 61.48 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204 | 568142 | 51.52 | ng | | 99 |
| 61) 4-Nitroaniline | 10.60 | 138 | 395942 | 67.24 | ng | | 91 |
| 62) Azobenzene | 10.72 | 77 | 1449184 | 58.20 | ng | | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198 | 250894 | 77.60 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.69 | 169 | 1163978 | 58.55 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.05 | 248 | 351711 | 52.57 | ng | | 96 |
| 67) Hexachlorobenzene | 11.12 | 284 | 387830 | 52.14 | ng | | 95 |
| 68) Atrazine | 11.20 | 200 | 284597 | 47.50 | ng | | 100 |
| 69) Pentachlorophenol | 11.30 | 266 | 220744 | 51.20 | ng | | 100 |
| 70) Phenanthrene | 11.53 | 178 | 1735939 | 54.22 | ng | | 100 |
| 71) Anthracene | 11.59 | 178 | 2034207 | 57.38 | ng | | 99 |
| 72) Carbazole | 11.74 | 167 | 1746447 | 56.34 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.07 | 149 | 2223097 | 60.47 | ng | # | 98 |
| 74) Fluoranthene | 12.72 | 202 | 1853016 | 53.49 | ng | | 99 |
| 76) Benzidine | 12.84 | 184 | 712335 | 57.39 | ng | | 97 |
| 77) Pyrene | 12.95 | 202 | 1789454 | 63.98 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.56 | 149 | 845379 | 71.66 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 1405085 | 60.83 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.09 | 252 | 436584 | 60.32 | ng | | 99 |
| 82) Chrysene | 14.17 | 228 | 1318969 | 61.37 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 1041807 | 75.36 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.73 | 149 | 1696147 | 80.80 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.10 | 276 | 1150507 | 63.53 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.18 | 252 | 1250038 | 64.32 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.21 | 252 | 906440m | 55.87 | ng | | |
| 89) Benzo(a)pyrene | 15.56 | 252 | 1032457 | 63.63 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.11 | 278 | 958176 | 65.69 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.55 | 276 | 975411 | 65.69 | ng | | 99 |

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

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