Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078164.D
Acq On : 1 Apr 2015 21:00
Operator : TP/IZ
Sample : G1614-06
Misc : LOQ-WATER-20PPM
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOQ-WATER2015-02

**Manual Integrations APPROVED**
apatel
4/2/2015 5:51:03 PM

Quant Time: Apr 02 13:50:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.01 | 152 | 38348 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.59 | 136 | 153937 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.76 | 164 | 79882 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.59 | 188 | 152595 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.87 | 240 | 156711 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 17.60 | 264 | 147985 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 350483 | 150.69 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 433875 | 148.85 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.71 | 82 | 253701 | 99.90 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.75 | 330 | 110518 | 166.82 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.94 | 172 | 539785 | 96.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.59 | 244 | 658144 | 94.90 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.88 | 88 | 19979 | 19.00 | ng | | 97 |
| 3) Pyridine | 2.54 | 79 | 48678 | 17.67 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.46 | 42 | 19406m | 18.30 | ng | | |
| 6) Aniline | 6.61 | 93 | 33994 | 8.22 | ng | # | 11 |
| 8) 2-Chlorophenol | 6.75 | 128 | 60945 | 22.16 | ng | | 99 |
| 9) Benzaldehyde | 6.46 | 77 | 44254 | 22.91 | ng | | 99 |
| 10) Phenol | 6.62 | 94 | 69136 | 19.80 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.72 | 93 | 56216 | 22.38 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.93 | 146 | 61843 | 20.47 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.04 | 146 | 64667 | 21.27 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.22 | 146 | 60979 | 21.39 | ng | | 99 |
| 15) Benzyl Alcohol | 7.21 | 79 | 47038 | 22.96 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45 | 73845 | 22.04 | ng | | 100 |
| 17) 2-Methylphenol | 7.37 | 107 | 47134 | 22.07 | ng | | 99 |
| 18) Hexachloroethane | 7.64 | 117 | 21832 | 21.29 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.54 | 70 | 38752 | 20.15 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.56 | 107 | 62302 | 21.87 | ng | | 99 |
| 22) Acetophenone | 7.53 | 105 | 79322 | 22.12 | ng | # | 88 |
| 24) Nitrobenzene | 7.73 | 77 | 57618 | 21.70 | ng | # | 78 |
| 25) Isophorone | 8.04 | 82 | 105182 | 21.82 | ng | | 97 |
| 26) 2-Nitrophenol | 8.13 | 139 | 28478 | 22.51 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 8.21 | 122 | 50555 | 21.49 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93 | 69948 | 22.63 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.44 | 162 | 47859 | 22.36 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.53 | 180 | 51775 | 21.10 | ng | | 98 |
| 31) Naphthalene | 8.62 | 128 | 170683 | 21.30 | ng | | 99 |
| 32) Benzoic acid | 8.32 | 122 | 18706 | 20.66 | ng | | 90 |
| 33) 4-Chloroaniline | 8.70 | 127 | 38274 | 11.51 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.77 | 225 | 28501 | 21.15 | ng | | 96 |
| 35) Caprolactam | 9.12 | 113 | 13867 | 21.70 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 9.32 | 107 | 50894 | 23.57 | ng | | 98 |
| 37) 2-Methylnaphthalene | 9.48 | 142 | 120842 | 22.21 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 51802 | 20.93 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 9.68 | 237 | 18517 | 22.71 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.84 | 196 | 33167 | 21.25 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.88 | 196 | 36159 | 22.17 | ng | | 98 |
| 45) 1,1'-Biphenyl | 10.07 | 154 | 146551 | 22.43 | ng | | 98 |
| 46) 2-Chloronaphthalene | 10.08 | 162 | 111312 | 21.65 | ng | | 99 |
| 47) 2-Nitroaniline | 10.21 | 65 | 28449 | 22.37 | ng | | 97 |
| 48) Acenaphthylene | 10.59 | 152 | 178161 | 21.46 | ng | | 99 |
| 49) Dimethylphthalate | 10.45 | 163 | 129608 | 21.60 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.52 | 165 | 27130 | 21.97 | ng | # | 46 |
| 51) Acenaphthene | 10.80 | 154 | 100944 | 21.60 | ng | | 99 |
| 52) 3-Nitroaniline | 10.73 | 138 | 25567 | 18.21 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 10.87 | 184 | 4804 | 20.46 | ng | | 98 |
| 54) Dibenzofuran | 11.01 | 168 | 161853 | 22.67 | ng | | 99 |
| 55) 4-Nitrophenol | 10.97 | 139 | 19182 | 20.68 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 11.03 | 165 | 35685 | 22.31 | ng | | 94 |
| 57) Fluorene | 11.44 | 166 | 130697 | 22.59 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.17 | 232 | 27605 | 22.83 | ng | | 99 |
| 59) Diethylphthalate | 11.33 | 149 | 128063 | 22.13 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.45 | 204 | 60091 | 22.57 | ng | # | 75 |
| 61) 4-Nitroaniline | 11.48 | 138 | 28417 | 20.02 | ng | | 93 |
| 62) Azobenzene | 11.64 | 77 | 117244 | 22.20 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 11.52 | 198 | 12241 | 21.84 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 11.60 | 169 | 111095 | 21.05 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 12.05 | 248 | 35183 | 21.77 | ng | | 97 |
| 67) Hexachlorobenzene | 12.11 | 284 | 37998 | 21.46 | ng | | 94 |
| 68) Atrazine | 12.28 | 200 | 35057 | 22.93 | ng | | 98 |
| 69) Pentachlorophenol | 12.36 | 266 | 11372 | 20.84 | ng | | 98 |
| 70) Phenanthrene | 12.63 | 178 | 187211 | 21.21 | ng | | 99 |
| 71) Anthracene | 12.68 | 178 | 188292 | 21.65 | ng | | 100 |
| 72) Carbazole | 12.90 | 167 | 179844 | 22.06 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.36 | 149 | 201738 | 21.85 | ng | | 100 |
| 74) Fluoranthene | 14.09 | 202 | 202237 | 21.73 | ng | | 97 |
| 76) Benzidine | 14.28 | 184 | 81935 | 13.58 | ng | | 99 |
| 77) Pyrene | 14.36 | 202 | 211473 | 21.50 | ng | | 98 |
| 79) Butylbenzylphthalate | 15.21 | 149 | 83955 | 22.39 | ng | | 90 |
| 80) Benzo(a)anthracene | 15.85 | 228 | 194665 | 20.88 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 15.84 | 252 | 32104 | 10.28 | ng | # | 94 |
| 82) Chrysene | 15.89 | 228 | 190538 | 21.75 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.93 | 149 | 129268 | 21.98 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 16.73 | 149 | 214570 | 22.22 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.91 | 276 | 208057 | 20.93 | ng | # | 87 |
| 87) Benzo(b)fluoranthene | 17.15 | 252 | 189004 | 20.67 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 17.19 | 252 | 190668m | 23.46 | ng | | |
| 89) Benzo(a)pyrene | 17.53 | 252 | 178601 | 22.38 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 18.93 | 278 | 169180 | 21.17 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 19.29 | 276 | 171060 | 21.35 | ng | | 98 |

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

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