Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001228.D
Acq On : 06 Dec 2019 14:22
Operator : JU
Sample : PB125231BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB125231BS

**Manual Integrations APPROVED**
mohammad
12/9/2019 3:10:31 PM

Quant Time: Dec 06 14:52:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.30 | 152 | 100123 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 412496 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 13.20 | 164 | 246184 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 15.60 | 188 | 494524 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 19.25 | 240 | 424149 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 21.02 | 264 | 333426 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.21 | 112 | 748632 | 124.05 | ng | | 0.00 |
| 7) Phenol-d6 | 7.76 | 99 | 988770 | 122.98 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.19 | 82 | 568047 | 59.75 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 14.50 | 330 | 297923 | 126.26 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.12 | 172 | 977318 | 58.10 | ng | | -0.01 |
| 79) Terphenyl-d14 | 17.89 | 244 | 1306539 | 56.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.58 | 88 | 70239 | 24.918 | ng | | 96 |
| 3) Pyridine | 3.43 | 79 | 175328 | 22.415 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.33 | 42 | 152894 | 45.171 | ng | | 90 |
| 6) Aniline | 7.78 | 93 | 298850 | 28.035 | ng | # | 1 |
| 8) 2-Chlorophenol | 7.97 | 128 | 270651 | 43.347 | ng | | 97 |
| 9) Benzaldehyde | 7.59 | 77 | 52872 | 5.489 | ng | | 97 |
| 10) Phenol | 7.78 | 94 | 386997 | 42.317 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.91 | 93 | 282719 | 39.700 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.21 | 146 | 264698 | 35.767 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.33 | 146 | 274693 | 36.846 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.57 | 146 | 268216 | 38.228 | ng | | 98 |
| 15) Benzyl Alcohol | 8.54 | 79 | 310078 | 46.983 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.77 | 45 | 437119 | 38.179 | ng | | 99 |
| 17) 2-Methylphenol | 8.73 | 107 | 244060 | 42.612 | ng | | 99 |
| 18) Hexachloroethane | 9.11 | 117 | 115458 | 37.437 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 240789 | 41.505 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.97 | 107 | 315576 | 43.709 | ng | | 99 |
| 22) Acetophenone | 8.95 | 105 | 448690 | 37.009 | ng | | 98 |
| 24) Nitrobenzene | 9.22 | 77 | 366794 | 38.797 | ng | | 98 |
| 25) Isophorone | 9.62 | 82 | 650994 | 38.184 | ng | | 100 |
| 26) 2-Nitrophenol | 9.73 | 139 | 141193 | 40.772 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.82 | 122 | 244549 | 44.583 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.98 | 93 | 366852 | 34.295 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 246850 | 39.540 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.26 | 180 | 261522 | 35.865 | ng | | 99 |
| 31) Naphthalene | 10.37 | 128 | 777885 | 36.924 | ng | | 99 |
| 32) Benzoic acid | 10.02 | 122 | 172346 | 43.460 | ng | | 98 |
| 33) 4-Chloroaniline | 10.47 | 127 | 234499 | 25.650 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.60 | 225 | 167651 | 36.549 | ng | | 95 |
| 35) Caprolactam | 11.05 | 113 | 81959m | 38.091 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.28 | 107 | 305107 | 41.220 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.50 | 142 | 550027 | 38.262 | ng | | 98 |
| 38) 1-Methylnaphthalene | 11.66 | 142 | 513243 | 37.795 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.78 | 216 | 279049 | 35.968 | ng | | 98 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 11.77 | 237 | 225007 | 62.866 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 11.97 | 196 | 192220 | 37.945 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.03 | 196 | 204194 | 38.904 ng | 99 |
| 46) 1,1'-Biphenyl | 12.27 | 154 | 683564 | 35.928 ng | 99 |
| 47) 2-Chloronaphthalene | 12.30 | 162 | 533811 | 35.125 ng | 99 |
| 48) 2-Nitroaniline | 12.47 | 65 | 228830 | 38.419 ng | 99 |
| 49) Acenaphthylene | 12.97 | 152 | 847421 | 37.200 ng | 99 |
| 50) Dimethylphthalate | 12.80 | 163 | 693562 | 37.669 ng | 100 |
| 51) 2,6-Dinitrotoluene | 12.88 | 165 | 147028 | 37.303 ng | 98 |
| 52) Acenaphthene | 13.26 | 154 | 492150 | 35.915 ng | 99 |
| 53) 3-Nitroaniline | 13.14 | 138 | 115651 | 26.121 ng | 97 |
| 54) 2,4-Dinitrophenol | 13.32 | 184 | 133060 | 82.415 ng | 91 |
| 55) Dibenzofuran | 13.55 | 168 | 778463 | 37.805 ng | 99 |
| 56) 4-Nitrophenol | 13.45 | 139 | 254572 | 81.142 ng | 92 |
| 57) 2,4-Dinitrotoluene | 13.54 | 165 | 202164 | 40.921 ng | 93 |
| 58) Fluorene | 14.10 | 166 | 624712 | 37.861 ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 13.75 | 232 | 175073 | 40.578 ng | 98 |
| 60) Diethylphthalate | 13.97 | 149 | 716283 | 37.571 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 14.12 | 204 | 315741 | 37.578 ng | 97 |
| 62) 4-Nitroaniline | 12.47 | 138 | 180383 | 35.140 ng | 99 |
| 63) Azobenzene | 14.39 | 77 | 785736 | 38.129 ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 14.20 | 198 | 94210 | 44.887 ng | 91 |
| 66) n-Nitrosodiphenylamine | 14.32 | 169 | 552320 | 36.758 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 14.92 | 248 | 192587 | 35.871 ng | 96 |
| 68) Hexachlorobenzene | 15.00 | 284 | 210658 | 35.690 ng | 97 |
| 69) Atrazine | 15.22 | 200 | 189428 | 41.289 ng | 99 |
| 70) Pentachlorophenol | 15.32 | 266 | 268045 | 87.131 ng | 99 |
| 71) Phenanthrene | 15.64 | 178 | 967978 | 37.232 ng | 99 |
| 72) Anthracene | 15.72 | 178 | 975898 | 38.083 ng | 99 |
| 73) Carbazole | 15.96 | 167 | 905704 | 38.841 ng | 100 |
| 74) Di-n-butylphthalate | 16.52 | 149 | 1213624 | 38.710 ng | 99 |
| 75) Fluoranthene | 17.35 | 202 | 1118975 | 40.655 ng | 99 |
| 77) Benzidine | 17.53 | 184 | 196096 | 17.906 ng | 99 |
| 78) Pyrene | 17.66 | 202 | 1142804 | 34.209 ng | 99 |
| 80) Butylbenzylphthalate | 18.54 | 149 | 539115 | 34.939 ng | 98 |
| 81) Benzo(a)anthracene | 19.23 | 228 | 1043092 | 35.470 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 19.20 | 252 | 348544 | 35.876 ng | 99 |
| 83) Chrysene | 19.28 | 228 | 949991 | 36.075 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 19.29 | 149 | 770073 | 36.299 ng | 99 |
| 85) Di-n-octyl phthalate | 20.07 | 149 | 1336706 | 35.470 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 22.66 | 276 | 1016991 | 32.769 ng | 99 |
| 88) Benzo(b)fluoranthene | 20.53 | 252 | 965999 | 47.433 ng | 99 |
| 89) Benzo(k)fluoranthene | 20.57 | 252 | 966339 | 49.265 ng | 99 |
| 90) Benzo(a)pyrene | 20.94 | 252 | 862167 | 45.961 ng | 98 |
| 91) Dibenzo(a,h)anthracene | 22.69 | 278 | 863254 | 47.024 ng | 99 |
| 92) Benzo(g,h,i)perylene | 23.15 | 276 | 848235 | 46.794 ng | 98 |

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

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