Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001348.D
Acq On : 20 Dec 2019 17:45
Operator : JU
Sample : PB125625BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB125625BS

**Manual Integrations APPROVED**
mohammad
12/23/2019 11:56:12 AM

Quant Time: Dec 20 23:55:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.30 | 152 | 42701 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.33 | 136 | 159175 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 13.20 | 164 | 93536 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 15.60 | 188 | 180523 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 19.25 | 240 | 148334 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 21.02 | 264 | 153359 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.21 | 112 | 205232 | 77.68 | ng | | 0.01 |
| 7) Phenol-d6 | 7.75 | 99 | 267590 | 77.62 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.19 | 82 | 338221 | 81.60 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 14.50 | 330 | 82861 | 70.86 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.12 | 172 | 593950 | 80.29 | ng | | 0.00 |
| 79) Terphenyl-d14 | 17.89 | 244 | 728895 | 84.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.60 | 88 | 46522 | 42.786 | ng | | 97 |
| 3) Pyridine | 3.44 | 79 | 112185 | 37.769 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.36 | 42 | 85034 | 45.212 | ng | | 98 |
| 6) Aniline | 7.78 | 93 | 146611 | 33.782 | ng | # | 82 |
| 8) 2-Chlorophenol | 7.96 | 128 | 120056 | 45.199 | ng | | 98 |
| 9) Benzaldehyde | 7.59 | 77 | 94677 | 39.148 | ng | | 98 |
| 10) Phenol | 7.77 | 94 | 170123 | 43.188 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.90 | 93 | 119594 | 42.915 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.20 | 146 | 139101 | 42.044 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 8.33 | 146 | 140276 | 41.616 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.56 | 146 | 135323 | 42.141 | ng | | 97 |
| 15) Benzyl Alcohol | 8.53 | 79 | 145523 | 44.985 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.76 | 45 | 173215 | 39.246 | ng | | 99 |
| 17) 2-Methylphenol | 8.73 | 107 | 104946 | 44.712 | ng | | 98 |
| 18) Hexachloroethane | 9.10 | 117 | 58524 | 40.814 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 103803 | 42.413 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.98 | 107 | 139055 | 44.645 | ng | | 96 |
| 22) Acetophenone | 8.95 | 105 | 195403 | 38.820 | ng | # | 99 |
| 24) Nitrobenzene | 9.22 | 77 | 162904 | 39.931 | ng | | 100 |
| 25) Isophorone | 9.61 | 82 | 273728 | 41.070 | ng | | 100 |
| 26) 2-Nitrophenol | 9.72 | 139 | 61875 | 42.533 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.82 | 122 | 106630 | 49.836 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.98 | 93 | 148155 | 37.218 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 108320 | 40.886 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.25 | 180 | 125763 | 38.592 | ng | | 99 |
| 31) Naphthalene | 10.37 | 128 | 353173 | 40.647 | ng | | 100 |
| 32) Benzoic acid | 10.00 | 122 | 66201 | 39.287 | ng | | 97 |
| 33) 4-Chloroaniline | 10.46 | 127 | 74817 | 21.055 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.59 | 225 | 82657 | 36.366 | ng | | 97 |
| 35) Caprolactam | 11.04 | 113 | 32627m | 41.388 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.28 | 107 | 126615 | 40.897 | ng | | 95 |
| 37) 2-Methylnaphthalene | 11.50 | 142 | 242854 | 40.486 | ng | | 99 |
| 38) 1-Methylnaphthalene | 11.66 | 142 | 229595 | 40.712 | ng | | 96 |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.78 | 216 | 129898 | 37.559 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 11.77 | 237 | 162041 | 94.730 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 11.97 | 196 | 83273 | 39.151 | ng | 100 |
| 44) 2,4,5-Trichlorophenol | 12.03 | 196 | 90519 | 41.420 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.27 | 154 | 303502 | 38.774 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.29 | 162 | 236049 | 37.304 | ng | 99 |
| 48) 2-Nitroaniline | 12.46 | 65 | 95888 | 37.843 | ng | 98 |
| 49) Acenaphthylene | 12.97 | 152 | 374272 | 40.461 | ng | 99 |
| 50) Dimethylphthalate | 12.80 | 163 | 286391 | 37.321 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 12.87 | 165 | 61683 | 39.588 | ng | 96 |
| 52) Acenaphthene | 13.26 | 154 | 214681 | 38.520 | ng | 99 |
| 53) 3-Nitroaniline | 13.13 | 138 | 39781 | 23.787 | ng | 99 |
| 54) 2,4-Dinitrophenol | 13.32 | 184 | 51607 | 85.774 | ng | 96 |
| 55) Dibenzofuran | 13.54 | 168 | 341040 | 39.055 | ng | 98 |
| 56) 4-Nitrophenol | 13.45 | 139 | 103927 | 86.906 | ng | 91 |
| 57) 2,4-Dinitrotoluene | 13.53 | 165 | 84164 | 38.863 | ng | 93 |
| 58) Fluorene | 14.10 | 166 | 274074 | 39.241 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 13.75 | 232 | 74739 | 39.835 | ng | 90 |
| 60) Diethylphthalate | 13.96 | 149 | 290472 | 36.701 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 14.12 | 204 | 136264 | 37.114 | ng | 97 |
| 62) 4-Nitroaniline | 12.46 | 138 | 74090 | 38.256 | ng | 95 |
| 63) Azobenzene | 14.38 | 77 | 320353 | 38.447 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 14.20 | 198 | 35886 | 44.386 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 14.32 | 169 | 230230 | 40.228 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 14.92 | 248 | 80381 | 37.661 | ng | 96 |
| 68) Hexachlorobenzene | 15.00 | 284 | 93045 | 38.293 | ng | 94 |
| 69) Atrazine | 15.21 | 200 | 86820 | 42.233 | ng | 96 |
| 70) Pentachlorophenol | 15.32 | 266 | 109084 | 87.544 | ng | 93 |
| 71) Phenanthrene | 15.64 | 178 | 408831 | 39.695 | ng | 100 |
| 72) Anthracene | 15.72 | 178 | 424380 | 41.623 | ng | 99 |
| 73) Carbazole | 15.96 | 167 | 366366 | 40.304 | ng | 100 |
| 74) Di-n-butylphthalate | 16.52 | 149 | 454961 | 36.472 | ng | 100 |
| 75) Fluoranthene | 17.35 | 202 | 461986 | 40.115 | ng | 98 |
| 77) Benzidine | 17.54 | 184 | 345207 | 79.932 | ng | 100 |
| 78) Pyrene | 17.66 | 202 | 464054 | 40.292 | ng | 100 |
| 80) Butylbenzylphthalate | 18.54 | 149 | 198801 | 37.025 | ng | 96 |
| 81) Benzo(a)anthracene | 19.23 | 228 | 423953 | 39.223 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 19.20 | 252 | 86805 | 23.128 | ng | 99 |
| 83) Chrysene | 19.28 | 228 | 406654 | 38.978 | ng | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 19.29 | 149 | 279114 | 35.425 | ng | 99 |
| 85) Di-n-octyl phthalate | 20.07 | 149 | 469338 | 35.940 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 22.66 | 276 | 433198 | 38.446 | ng | 99 |
| 88) Benzo(b)fluoranthene | 20.53 | 252 | 398220 | 39.539 | ng | 98 |
| 89) Benzo(k)fluoranthene | 20.57 | 252 | 386308 | 40.266 | ng | 99 |
| 90) Benzo(a)pyrene | 20.95 | 252 | 357021 | 38.913 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 22.69 | 278 | 357259 | 39.825 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 23.15 | 276 | 352815 | 41.159 | ng | 98 |

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

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