Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045202.D
Acq On : 29 Apr 2020 13:00
Operator : CG/JU
Sample : PB128519BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128519BS

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mohammad
4/30/2020 1:37:38 PM

Quant Time: Apr 29 14:14:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 58938 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.80 | 136 | 235071 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 167617 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.38 | 188 | 436173 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.65 | 240 | 439595 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.82 | 264 | 491461 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 312458 | 87.52 | ng | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 434566 | 81.93 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 390552 | 75.81 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 218068 | 84.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.25 | 172 | 927185 | 81.11 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.99 | 244 | 1800886 | 89.29 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 57718 | 36.380 | ng | 98 |
| 3) Pyridine | 3.84 | 79 | 159070 | 32.564 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.76 | 42 | 62121 | 41.513 | ng | 89 |
| 6) Aniline | 7.31 | 93 | 205889 | 29.855 | ng | 99 |
| 8) 2-Chlorophenol | 7.56 | 128 | 173587 | 45.243 | ng | 99 |
| 9) Benzaldehyde | 7.12 | 77 | 58050 | 14.492 | ng | 99 |
| 10) Phenol | 7.18 | 94 | 234348 | 44.153 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.41 | 93 | 160152 | 37.898 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.88 | 146 | 185898 | 41.118 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 8.02 | 146 | 188192 | 41.774 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.35 | 146 | 172357 | 39.991 | ng | 96 |
| 15) Benzyl Alcohol | 8.23 | 79 | 167220 | 37.603 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52 | 45 | 143985 | 34.710 | ng | 96 |
| 17) 2-Methylphenol | 8.44 | 107 | 156684 | 38.261 | ng | 96 |
| 18) Hexachloroethane | 9.07 | 117 | 70806 | 41.809 | ng | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.79 | 70 | 137762 | 36.726 | ng | 98 |
| 20) 3+4-Methylphenols | 8.76 | 107 | 210129 | 36.659 | ng | 97 |
| 22) Acetophenone | 8.81 | 105 | 254608 | 40.052 | ng | 97 |
| 24) Nitrobenzene | 9.19 | 77 | 211818 | 40.111 | ng | 97 |
| 25) Isophorone | 9.71 | 82 | 390019 | 36.968 | ng | 99 |
| 26) 2-Nitrophenol | 9.90 | 139 | 95006 | 41.767 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.97 | 122 | 157986 | 43.772 | ng | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93 | 218464 | 39.411 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.45 | 162 | 180901 | 43.407 | ng | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.66 | 180 | 190631 | 40.400 | ng | 99 |
| 31) Naphthalene | 10.85 | 128 | 522486 | 40.630 | ng | 99 |
| 32) Benzoic acid | 10.11 | 122 | 109502 | 38.943 | ng | 96 |
| 33) 4-Chloroaniline | 10.95 | 127 | 127484 | 21.257 | ng | 98 |
| 34) Hexachlorobutadiene | 11.15 | 225 | 135420 | 41.859 | ng | 96 |
| 35) Caprolactam | 11.71 | 113 | 62301m | 37.561 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.08 | 107 | 203352 | 41.536 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 411079 | 41.185 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.68 | 142 | 383693m | 40.720 | ng | |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 223810 | 41.471 | ng | 98 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.82 | 237 | 320278 | 94.951 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.06 | 196 | 165760 | 43.519 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.14 | 196 | 173563 | 40.033 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.46 | 154 | 514266 | 40.366 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.50 | 162 | 399852 | 41.075 | ng | | 99 |
| 48) 2-Nitroaniline | 13.70 | 65 | 131965 | 41.202 | ng | | 99 |
| 49) Acenaphthylene | 14.36 | 152 | 658086 | 41.503 | ng | | 98 |
| 50) Dimethylphthalate | 14.09 | 163 | 551089 | 40.378 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.20 | 165 | 126106 | 41.310 | ng | | 96 |
| 52) Acenaphthene | 14.70 | 154 | 512123m | 47.735 | ng | | |
| 53) 3-Nitroaniline | 14.53 | 138 | 91720 | 27.395 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.74 | 184 | 163286 | 89.954 | ng | | 95 |
| 55) Dibenzofuran | 15.03 | 168 | 655461 | 41.906 | ng | | 99 |
| 56) 4-Nitrophenol | 14.85 | 139 | 218912 | 84.327 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.99 | 165 | 187540 | 42.038 | ng | # | 93 |
| 58) Fluorene | 15.68 | 166 | 550006 | 43.050 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.26 | 232 | 175194 | 45.415 | ng | | 98 |
| 60) Diethylphthalate | 15.45 | 149 | 584539 | 41.079 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204 | 304197 | 41.367 | ng | | 99 |
| 62) 4-Nitroaniline | 15.69 | 138 | 137350 | 39.552 | ng | | 93 |
| 63) Azobenzene | 15.97 | 77 | 554148 | 42.240 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198 | 124946 | 43.581 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.88 | 169 | 492060 | 39.264 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.57 | 248 | 210234 | 37.362 | ng | | 95 |
| 68) Hexachlorobenzene | 16.69 | 284 | 231869 | 39.732 | ng | | 98 |
| 69) Atrazine | 16.83 | 200 | 212001 | 46.545 | ng | | 99 |
| 70) Pentachlorophenol | 17.03 | 266 | 301281 | 84.155 | ng | | 99 |
| 71) Phenanthrene | 17.42 | 178 | 937326 | 41.819 | ng | | 98 |
| 72) Anthracene | 17.52 | 178 | 968385 | 43.071 | ng | | 99 |
| 73) Carbazole | 17.78 | 167 | 918974 | 40.277 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.34 | 149 | 1116044 | 44.925 | ng | | 100 |
| 75) Fluoranthene | 19.43 | 202 | 1254665 | 48.042 | ng | | 98 |
| 77) Benzidine | 19.61 | 184 | 681922 | 54.863 | ng | | 99 |
| 78) Pyrene | 19.80 | 202 | 1233728 | 40.709 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.68 | 149 | 518081 | 41.241 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.62 | 228 | 1189752 | 41.757 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.54 | 252 | 360283 | 31.770 | ng | # | 98 |
| 83) Chrysene | 21.69 | 228 | 1159876 | 42.369 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 714483 | 41.354 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.74 | 149 | 1248844 | 41.800 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.42 | 276 | 1549529 | 42.633 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.81 | 252 | 1308166 | 42.494 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.88 | 252 | 1261489 | 43.089 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.67 | 252 | 1209843 | 41.624 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.49 | 278 | 1259007 | 42.987 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.55 | 276 | 1264811 | 43.075 | ng | | 99 |

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

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