Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045930.D
Acq On : 3 Jul 2020 2:47
Operator : CG/JU
Sample : PB129945BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129945BS

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:39 AM

Quant Time: Jul 03 08:22:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 47524 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.66 | 136 | 180470 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.51 | 164 | 127566 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.27 | 188 | 323337 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.51 | 240 | 323446 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.59 | 264 | 345022 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 393359 | 139.82 | ng | | 0.00 |
| 7) Phenol-d6 | 7.07 | 99 | 556843 | 130.12 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.02 | 82 | 357826 | 90.58 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.01 | 330 | 251740 | 130.71 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.13 | 172 | 771070 | 88.83 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.89 | 244 | 1508742 | 94.53 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 48723 | 37.813 | ng | | 93 |
| 3) Pyridine | 3.68 | 79 | 138468 | 36.264 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.60 | 42 | 57541 | 44.895 | ng | | 97 |
| 6) Aniline | 7.18 | 93 | 176224 | 34.974 | ng | | 99 |
| 8) 2-Chlorophenol | 7.43 | 128 | 142239 | 47.234 | ng | | 96 |
| 9) Benzaldehyde | 6.99 | 77 | 60593 | 23.574 | ng | | 96 |
| 10) Phenol | 7.10 | 94 | 192738 | 46.483 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.27 | 93 | 134466 | 42.695 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.74 | 146 | 153194 | 42.688 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.89 | 146 | 154327 | 43.054 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.21 | 146 | 144360 | 42.067 | ng | | 99 |
| 15) Benzyl Alcohol | 8.11 | 79 | 142145 | 42.923 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.38 | 45 | 126535 | 42.630 | ng | | 98 |
| 17) 2-Methylphenol | 8.34 | 107 | 127446 | 41.301 | ng | | 97 |
| 18) Hexachloroethane | 8.94 | 117 | 59827 | 43.945 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.67 | 70 | 121418 | 43.157 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.67 | 107 | 171996 | 42.382 | ng | # | 88 |
| 22) Acetophenone | 8.68 | 105 | 211861 | 42.771 | ng | # | 98 |
| 24) Nitrobenzene | 9.06 | 77 | 184282 | 43.750 | ng | | 99 |
| 25) Isophorone | 9.58 | 82 | 327609 | 42.838 | ng | | 99 |
| 26) 2-Nitrophenol | 9.78 | 139 | 78768 | 44.886 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.86 | 122 | 129418 | 48.305 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.07 | 93 | 177494 | 44.431 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.33 | 162 | 144046 | 46.083 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.53 | 180 | 158087 | 42.721 | ng | | 99 |
| 31) Naphthalene | 10.71 | 128 | 428744 | 43.454 | ng | | 98 |
| 32) Benzoic acid | 10.06 | 122 | 64576 | 39.191 | ng | | 88 |
| 33) 4-Chloroaniline | 10.83 | 127 | 114153 | 27.628 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.00 | 225 | 107689 | 40.919 | ng | | 97 |
| 35) Caprolactam | 11.60 | 113 | 51143m | 50.561 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.00 | 107 | 165726 | 45.919 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.33 | 142 | 323223 | 43.993 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.55 | 142 | 309748 | 44.551 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 181765 | 43.273 | ng | | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.68 | 237 | 174309 | 75.640 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.95 | 196 | 120831 | 42.428 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 13.05 | 196 | 125791 | 38.755 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.34 | 154 | 401772 | 43.991 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.38 | 162 | 315093 | 42.710 | ng | 97 |
| 48) 2-Nitroaniline | 13.59 | 65 | 109759 | 44.726 | ng | 96 |
| 49) Acenaphthylene | 14.23 | 152 | 518770 | 43.901 | ng | 99 |
| 50) Dimethylphthalate | 13.97 | 163 | 443528 | 44.382 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.09 | 165 | 102172 | 45.520 | ng | 97 |
| 52) Acenaphthene | 14.58 | 154 | 311419 | 43.477 | ng | 99 |
| 53) 3-Nitroaniline | 14.43 | 138 | 72015 | 32.121 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.64 | 184 | 100646 | 80.542 | ng | 95 |
| 55) Dibenzofuran | 14.92 | 168 | 512409 | 44.036 | ng | 98 |
| 56) 4-Nitrophenol | 14.79 | 139 | 128668 | 80.098 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.89 | 165 | 149281 | 46.419 | ng | 99 |
| 58) Fluorene | 15.56 | 166 | 437614 | 45.228 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.16 | 232 | 119345 | 42.364 | ng | 95 |
| 60) Diethylphthalate | 15.34 | 149 | 463423 | 45.362 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.56 | 204 | 236946 | 42.489 | ng | 98 |
| 62) 4-Nitroaniline | 15.60 | 138 | 104822 | 45.556 | ng | 97 |
| 63) Azobenzene | 15.85 | 77 | 458526 | 46.744 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.66 | 198 | 88595 | 44.337 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.77 | 169 | 389359 | 42.515 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.45 | 248 | 168159 | 40.025 | ng | 96 |
| 68) Hexachlorobenzene | 16.58 | 284 | 183959 | 42.226 | ng | 98 |
| 69) Atrazine | 16.73 | 200 | 159835 | 44.976 | ng | 96 |
| 70) Pentachlorophenol | 16.93 | 266 | 113925 | 55.598 | ng | 97 |
| 71) Phenanthrene | 17.31 | 178 | 734466 | 44.044 | ng | 97 |
| 72) Anthracene | 17.39 | 178 | 758045 | 45.650 | ng | 100 |
| 73) Carbazole | 17.67 | 167 | 713792 | 45.144 | ng | 99 |
| 74) Di-n-butylphthalate | 18.23 | 149 | 875795 | 46.780 | ng | 98 |
| 75) Fluoranthene | 19.32 | 202 | 973726 | 47.486 | ng | 99 |
| 77) Benzidine | 19.50 | 184 | 423043 | 50.311 | ng | 99 |
| 78) Pyrene | 19.68 | 202 | 958209 | 44.240 | ng | 100 |
| 80) Butylbenzylphthalate | 20.57 | 149 | 404750 | 44.645 | ng | 98 |
| 81) Benzo(a)anthracene | 21.50 | 228 | 931355 | 44.413 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.41 | 252 | 256968 | 32.396 | ng | 98 |
| 83) Chrysene | 21.56 | 228 | 898538 | 44.300 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.41 | 149 | 576377 | 45.707 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.57 | 149 | 988104 | 45.426 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.10 | 276 | 1173266 | 46.907 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.63 | 252 | 993262 | 45.915 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.69 | 252 | 988714 | 47.754 | ng | 99 |
| 90) Benzo(a)pyrene | 24.45 | 252 | 930216 | 46.033 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.15 | 278 | 951732 | 47.450 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.18 | 276 | 951610 | 47.400 | ng | 97 |

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

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