Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035371.D
Acq On : 25 Jun 2018 10:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
6/27/2018 10:48:19 AM

Quant Time: Jun 25 11:09:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 48872 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.86 | 136 | 197487 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 14.67 | 164 | 134487 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 17.42 | 188 | 354427 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 21.69 | 240 | 397590 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 24.91 | 264 | 391056 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 226678 | 78.27 | ng | | -0.02 |
| 7) Phenol-d6 | 7.21 | 99 | 335859 | 78.58 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 334445 | 80.50 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 147293 | 85.56 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.30 | 172 | 770945 | 74.52 | ng | | -0.03 |
| 78) Terphenyl-d14 | 20.02 | 244 | 1316623 | 69.37 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 53483 | 38.708 | ng | # | 69 |
| 3) Pyridine | 3.95 | 79 | 144710 | 38.816 | ng | # | 73 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 55750 | 34.809 | ng | # | 83 |
| 6) Aniline | 7.38 | 93 | 208035 | 37.654 | ng | | 95 |
| 8) 2-Chlorophenol | 7.62 | 128 | 114709 | 37.789 | ng | | 95 |
| 9) Benzaldehyde | 7.19 | 77 | 115862 | 35.192 | ng | | 94 |
| 10) Phenol | 7.24 | 94 | 168153 | 38.015 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 126963 | 36.981 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 138444 | 38.225 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 142210 | 38.036 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 134689 | 38.352 | ng | | 99 |
| 15) Benzyl Alcohol | 8.29 | 79 | 140228 | 34.624 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 112704m | 32.982 | ng | | |
| 17) 2-Methylphenol | 8.49 | 107 | 112938 | 38.727 | ng | # | 92 |
| 18) Hexachloroethane | 9.14 | 117 | 52894 | 39.516 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 122410 | 33.710 | ng | # | 85 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 158023 | 37.804 | ng | | 95 |
| 22) Acetophenone | 8.87 | 105 | 222224 | 36.326 | ng | # | 88 |
| 24) Nitrobenzene | 9.26 | 77 | 167594 | 39.393 | ng | | 97 |
| 25) Isophorone | 9.78 | 82 | 297766 | 33.946 | ng | | 96 |
| 26) 2-Nitrophenol | 9.97 | 139 | 66892 | 45.615 | ng | # | 91 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 110743 | 35.928 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 169207 | 35.896 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.50 | 162 | 132188 | 39.413 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 157258 | 39.103 | ng | | 98 |
| 31) Naphthalene | 10.91 | 128 | 375747 | 36.625 | ng | | 98 |
| 32) Benzoic acid | 10.16 | 122 | 82606 | 40.011 | ng | | 95 |
| 33) 4-Chloroaniline | 11.01 | 127 | 164811 | 36.997 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.19 | 225 | 122311 | 39.106 | ng | | 95 |
| 35) Caprolactam | 11.78 | 113 | 46024 | 37.130 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 162663 | 38.907 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 287589 | 36.974 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 200182 | 39.962 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.85 | 237 | 112806 | 35.910 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.11 | 196 | 127057 | 42.359 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.18 | 196 | 138423 | 42.046 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.51 | 154 | 403838 | 37.344 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.56 | 162 | 309574 | 37.863 | ng | | 98 |
| 47) 2-Nitroaniline | 13.75 | 65 | 103379 | 42.819 | ng | | 99 |
| 48) Acenaphthylene | 14.40 | 152 | 508952 | 37.124 | ng | | 98 |
| 49) Dimethylphthalate | 14.13 | 163 | 425664 | 36.296 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 93441 | 43.674 | ng | # | 86 |
| 51) Acenaphthene | 14.74 | 154 | 347415 | 38.785 | ng | | 97 |
| 52) 3-Nitroaniline | 14.58 | 138 | 94516 | 45.020 | ng | # | 93 |
| 53) 2,4-Dinitrophenol | 14.78 | 184 | 40883 | 47.216 | ng | # | 67 |
| 54) Dibenzofuran | 15.07 | 168 | 504532 | 37.608 | ng | | 94 |
| 55) 4-Nitrophenol | 14.88 | 139 | 67219 | 37.937 | ng | # | 89 |
| 56) 2,4-Dinitrotoluene | 15.03 | 165 | 134176 | 47.210 | ng | # | 87 |
| 57) Fluorene | 15.72 | 166 | 422373 | 37.672 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.29 | 232 | 134730 | 42.126 | ng | # | 93 |
| 59) Diethylphthalate | 15.49 | 149 | 435592 | 36.405 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204 | 251798 | 39.385 | ng | | 95 |
| 61) 4-Nitroaniline | 15.74 | 138 | 98458 | 43.730 | ng | # | 84 |
| 62) Azobenzene | 16.01 | 77 | 398795 | 34.012 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198 | 76798 | 47.459 | ng | | 85 |
| 65) n-Nitrosodiphenylamine | 15.92 | 169 | 389909 | 36.632 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.60 | 248 | 164918 | 38.639 | ng | | 98 |
| 67) Hexachlorobenzene | 16.72 | 284 | 166811 | 38.398 | ng | | 94 |
| 68) Atrazine | 16.87 | 200 | 165080 | 36.369 | ng | | 94 |
| 69) Pentachlorophenol | 17.06 | 266 | 115438 | 39.517 | ng | | 98 |
| 70) Phenanthrene | 17.46 | 178 | 680142 | 37.777 | ng | | 99 |
| 71) Anthracene | 17.55 | 178 | 673389 | 37.339 | ng | | 98 |
| 72) Carbazole | 17.82 | 167 | 630881 | 37.703 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.37 | 149 | 703610 | 35.279 | ng | # | 98 |
| 74) Fluoranthene | 19.47 | 202 | 896558 | 38.268 | ng | | 96 |
| 76) Benzidine | 19.64 | 184 | 355631 | 24.042 | ng | # | 96 |
| 77) Pyrene | 19.83 | 202 | 912660 | 34.820 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.71 | 149 | 317872 | 33.398 | ng | # | 96 |
| 80) Benzo(a)anthracene | 21.66 | 228 | 906969 | 35.697 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.58 | 252 | 338709 | 35.434 | ng | # | 99 |
| 82) Chrysene | 21.73 | 228 | 845165 | 36.332 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 443540 | 32.981 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.78 | 149 | 753803 | 32.672 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 28.56 | 276 | 998161 | 36.637 | ng | # | 88 |
| 87) Benzo(b)fluoranthene | 23.88 | 252 | 878769 | 36.491 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 23.95 | 252 | 873433 | 37.077 | ng | # | 96 |
| 89) Benzo(a)pyrene | 24.75 | 252 | 827154 | 36.502 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 28.64 | 278 | 826413 | 36.943 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 29.72 | 276 | 812960 | 37.135 | ng | # | 91 |

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

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