Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
Data File : BG044718.D
Acq On : 11 Mar 2020 12:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:46:23 PM

Quant Time: Mar 12 01:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 93912 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 394975 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 278022 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 642267 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.71 | 240 | 583971 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.93 | 264 | 699092 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 480788 | 79.70 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 696775 | 79.49 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 673972 | 74.88 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 277515 | 76.23 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.32 | 172 | 1453014 | 74.84 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.05 | 244 | 2323981 | 74.44 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 116071 | 39.954 | ng | | 97 |
| 3) Pyridine | 3.92 | 79 | 338917 | 39.408 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.83 | 42 | 149073 | 45.685 | ng | # | 89 |
| 6) Aniline | 7.38 | 93 | 437687 | 40.130 | ng | | 98 |
| 8) 2-Chlorophenol | 7.62 | 128 | 239579 | 39.782 | ng | | 97 |
| 9) Benzaldehyde | 7.19 | 77 | 202770 | 37.261 | ng | | 98 |
| 10) Phenol | 7.24 | 94 | 344658 | 39.717 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 264751 | 38.228 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 291627 | 39.310 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 291608 | 39.760 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.42 | 146 | 269980 | 38.814 | ng | | 96 |
| 15) Benzyl Alcohol | 8.29 | 79 | 285859 | 40.647 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 510680 | 41.784 | ng | | 98 |
| 17) 2-Methylphenol | 8.49 | 107 | 229258 | 39.002 | ng | | 94 |
| 18) Hexachloroethane | 9.15 | 117 | 117506 | 40.695 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 238663 | 38.561 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 323088 | 39.872 | ng | | 99 |
| 22) Acetophenone | 8.87 | 105 | 408324 | 36.491 | ng | | 97 |
| 24) Nitrobenzene | 9.26 | 77 | 351119 | 37.595 | ng | | 94 |
| 25) Isophorone | 9.79 | 82 | 648365 | 36.908 | ng | | 100 |
| 26) 2-Nitrophenol | 9.97 | 139 | 120727 | 38.471 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 217273 | 37.979 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93 | 387059 | 36.920 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.50 | 162 | 253961 | 38.007 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 300319 | 37.588 | ng | | 93 |
| 31) Naphthalene | 10.92 | 128 | 839596 | 38.373 | ng | | 100 |
| 32) Benzoic acid | 10.17 | 122 | 159362 | 38.224 | ng | | 95 |
| 33) 4-Chloroaniline | 11.01 | 127 | 377286 | 38.274 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.21 | 225 | 201620 | 38.373 | ng | | 97 |
| 35) Caprolactam | 11.79 | 113 | 99894 | 39.485 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 306838 | 38.502 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 631375 | 38.576 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.74 | 142 | 584473 | 37.985 | ng | | 95 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 333208 | 36.392 | ng | | 100 |

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Acq On : 11 Mar 2020 12:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

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Quant Time: Mar 12 01:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.88 | 237 | 179487 | 35.870 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.12 | 196 | 231144 | 38.039 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.19 | 196 | 236305 | 37.499 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.53 | 154 | 827646 | 37.252 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.57 | 162 | 626833 | 36.933 | ng | | 98 |
| 48) 2-Nitroaniline | 13.76 | 65 | 231928 | 39.033 | ng | | 99 |
| 49) Acenaphthylene | 14.41 | 152 | 992998 | 37.346 | ng | | 99 |
| 50) Dimethylphthalate | 14.14 | 163 | 838797 | 37.881 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.25 | 165 | 171363 | 38.393 | ng | | 91 |
| 52) Acenaphthene | 14.76 | 154 | 662573 | 38.049 | ng | | 99 |
| 53) 3-Nitroaniline | 14.58 | 138 | 197943 | 38.574 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.78 | 184 | 76320 | 37.641 | ng | | 93 |
| 55) Dibenzofuran | 15.09 | 168 | 964400 | 38.191 | ng | | 98 |
| 56) 4-Nitrophenol | 14.88 | 139 | 152254 | 38.877 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 15.04 | 165 | 236796 | 38.683 | ng | # | 97 |
| 58) Fluorene | 15.74 | 166 | 794886 | 38.266 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 223904m | 38.593 | ng | | |
| 60) Diethylphthalate | 15.51 | 149 | 900208 | 38.978 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204 | 423714 | 37.882 | ng | | 99 |
| 62) 4-Nitroaniline | 15.74 | 138 | 220570 | 40.310 | ng | | 97 |
| 63) Azobenzene | 16.03 | 77 | 933050 | 38.904 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 107490 | 37.567 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.94 | 169 | 714915 | 36.972 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.62 | 248 | 296759 | 36.960 | ng | | 98 |
| 68) Hexachlorobenzene | 16.75 | 284 | 317767 | 36.479 | ng | | 96 |
| 69) Atrazine | 16.89 | 200 | 277824 | 39.216 | ng | | 99 |
| 70) Pentachlorophenol | 17.08 | 266 | 191311 | 39.916 | ng | | 97 |
| 71) Phenanthrene | 17.48 | 178 | 1315383 | 38.325 | ng | | 98 |
| 72) Anthracene | 17.57 | 178 | 1301498 | 38.457 | ng | | 99 |
| 73) Carbazole | 17.83 | 167 | 1269935 | 39.064 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.41 | 149 | 1566728 | 39.646 | ng | | 99 |
| 75) Fluoranthene | 19.49 | 202 | 1625991 | 39.789 | ng | | 99 |
| 77) Benzidine | 19.66 | 184 | 775951 | 40.930 | ng | | 99 |
| 78) Pyrene | 19.84 | 202 | 1624544 | 37.917 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.74 | 149 | 726912 | 38.137 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.69 | 228 | 1600814 | 38.069 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.60 | 252 | 636156 | 39.105 | ng | | 99 |
| 83) Chrysene | 21.75 | 228 | 1531426 | 38.126 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 1011249 | 38.442 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.85 | 149 | 1734160 | 39.395 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.59 | 276 | 2046300 | 38.858 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.91 | 252 | 1748739 | 37.891 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.98 | 252 | 1669258 | 38.219 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.78 | 252 | 1646582 | 38.128 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.66 | 278 | 1633942 | 38.351 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.74 | 276 | 1637994 | 38.053 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
Data File : BG044718.D
Acq On : 11 Mar 2020 12:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 01:36:47 2020
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**Instrument :**
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