Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046116.D
Acq On : 30 Jul 2020 18:36
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ICVBG073020

Quant Time: Jul 30 19:16:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 112767 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.76 | 136 | 414337 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.58 | 164 | 264744 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.32 | 188 | 606145 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.57 | 240 | 617006 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.68 | 264 | 671415 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 535898 | 82.61 | ng | | 0.00 |
| 7) Phenol-d6 | 7.12 | 99 | 726598 | 82.19 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.11 | 82 | 643061 | 84.03 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 346536 | 85.22 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.21 | 172 | 1454733 | 79.82 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.94 | 244 | 2298769 | 75.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 121969 | 41.309 | ng | | 97 |
| 3) Pyridine | 3.85 | 79 | 329324 | 40.516 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.76 | 42 | 144285 | 41.709 | ng | | 98 |
| 6) Aniline | 7.28 | 93 | 429305 | 40.794 | ng | | 98 |
| 8) 2-Chlorophenol | 7.52 | 128 | 291777 | 40.695 | ng | | 99 |
| 9) Benzaldehyde | 7.09 | 77 | 225948 | 43.070 | ng | | 97 |
| 10) Phenol | 7.15 | 94 | 361174 | 40.660 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.38 | 93 | 284978 | 40.334 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.85 | 146 | 347567 | 39.993 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.99 | 146 | 345716 | 39.616 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.31 | 146 | 328486 | 39.912 | ng | | 99 |
| 15) Benzyl Alcohol | 8.19 | 79 | 265199 | 43.421 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49 | 45 | 463167 | 39.984 | ng | | 99 |
| 17) 2-Methylphenol | 8.40 | 107 | 250261 | 41.732 | ng | | 100 |
| 18) Hexachloroethane | 9.05 | 117 | 117826 | 40.371 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.76 | 70 | 236394 | 41.085 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.72 | 107 | 345379 | 42.078 | ng | | 98 |
| 22) Acetophenone | 8.78 | 105 | 434170 | 40.831 | ng | # | 99 |
| 24) Nitrobenzene | 9.15 | 77 | 336171 | 41.202 | ng | | 98 |
| 25) Isophorone | 9.68 | 82 | 641794 | 42.147 | ng | | 99 |
| 26) 2-Nitrophenol | 9.86 | 139 | 166139 | 44.929 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.93 | 122 | 254105 | 42.237 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93 | 334827 | 40.439 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.40 | 162 | 303187 | 42.841 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.62 | 180 | 341602 | 41.204 | ng | | 99 |
| 31) Naphthalene | 10.80 | 128 | 882130 | 40.237 | ng | | 99 |
| 32) Benzoic acid | 10.07 | 122 | 177861 | 41.740 | ng | | 97 |
| 33) 4-Chloroaniline | 10.90 | 127 | 377182 | 42.102 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.10 | 225 | 228163 | 41.342 | ng | | 98 |
| 35) Caprolactam | 11.67 | 113 | 102181 | 44.113 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 12.03 | 107 | 298580 | 42.992 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.41 | 142 | 688955 | 40.841 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.63 | 142 | 648851 | 40.647 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 387438 | 40.617 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.77 | 237 | 228150 | 41.699 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.01 | 196 | 264175 | 43.409 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.09 | 196 | 286728 | 43.181 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.42 | 154 | 840984 | 40.494 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.46 | 162 | 671503 | 40.534 | ng | | 98 |
| 48) 2-Nitroaniline | 13.65 | 65 | 193435 | 44.546 | ng | | 97 |
| 49) Acenaphthylene | 14.30 | 152 | 1046710 | 40.690 | ng | | 98 |
| 50) Dimethylphthalate | 14.04 | 163 | 829848 | 40.840 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.15 | 165 | 204172 | 43.175 | ng | | 93 |
| 52) Acenaphthene | 14.64 | 154 | 703355 | 41.429 | ng | | 98 |
| 53) 3-Nitroaniline | 14.48 | 138 | 199154 | 42.479 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.68 | 184 | 111146 | 40.887 | ng | | 91 |
| 55) Dibenzofuran | 14.98 | 168 | 1030423 | 40.222 | ng | | 98 |
| 56) 4-Nitrophenol | 14.79 | 139 | 176022 | 43.245 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.94 | 165 | 280798 | 43.187 | ng | | 96 |
| 58) Fluorene | 15.63 | 166 | 830105 | 40.012 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.21 | 232 | 266907 | 42.675 | ng | | 99 |
| 60) Diethylphthalate | 15.40 | 149 | 819176 | 40.982 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204 | 437948 | 40.417 | ng | | 97 |
| 62) 4-Nitroaniline | 15.64 | 138 | 205447 | 43.572 | ng | | 99 |
| 63) Azobenzene | 15.92 | 77 | 764155 | 40.791 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.70 | 198 | 176892 | 44.127 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.84 | 169 | 754920 | 41.144 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.52 | 248 | 307478 | 41.060 | ng | | 97 |
| 68) Hexachlorobenzene | 16.64 | 284 | 340985 | 40.609 | ng | | 99 |
| 69) Atrazine | 16.78 | 200 | 298709 | 42.279 | ng | | 99 |
| 70) Pentachlorophenol | 16.98 | 266 | 234880 | 43.111 | ng | | 97 |
| 71) Phenanthrene | 17.37 | 178 | 1337741 | 40.289 | ng | | 100 |
| 72) Anthracene | 17.46 | 178 | 1337514 | 40.498 | ng | | 99 |
| 73) Carbazole | 17.72 | 167 | 1306594 | 41.028 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.29 | 149 | 1396236 | 41.943 | ng | | 99 |
| 75) Fluoranthene | 19.37 | 202 | 1670646 | 40.302 | ng | | 98 |
| 77) Benzidine | 19.55 | 184 | 732112 | 41.890 | ng | | 99 |
| 78) Pyrene | 19.73 | 202 | 1691988 | 40.813 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.63 | 149 | 658151 | 43.825 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.55 | 228 | 1674179 | 40.546 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.47 | 252 | 731443 | 42.659 | ng | | 96 |
| 83) Chrysene | 21.62 | 228 | 1641480 | 40.582 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.48 | 149 | 895923 | 41.729 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.66 | 149 | 1575736 | 43.346 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.20 | 276 | 2128292 | 41.563 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.70 | 252 | 1871051 | 41.585 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.77 | 252 | 1766578 | 40.030 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.53 | 252 | 1749208 | 41.780 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.27 | 278 | 1746295 | 40.795 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.29 | 276 | 1756007 | 40.619 | ng | | 98 |

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

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