Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
Data File : BG047764.D
Acq On : 17 Dec 2020 13:11
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 14:04:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 13:16:53 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
mohammad
12/18/2020 10:29:16 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.204 | 152 | 29590 | 20.00 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 11.030 | 136 | 107494 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.826 | 164 | 84491 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.564 | 188 | 206481 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.841 | 240 | 207803 | 20.00 | ng | # | 0.00 |
| 86) Perylene-d12 | 25.190 | 264 | 223056 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.731 | 112 | 180499 | 98.88 | ng | | 0.00 |
| 7) Phenol-d6 | 7.347 | 99 | 261982 | 99.14 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.374 | 82 | 300960 | 120.15 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.307 | 330 | 150040 | 106.05 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.451 | 172 | 644588 | 97.85 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.149 | 244 | 1290980 | 109.25 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.563 | 88 | 37010 | 40.94 | ng | # | 80 |
| 3) Pyridine | 3.980 | 79 | 105511 | 43.64 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.886 | 42 | 79284 | 65.39 | ng | # | 45 |
| 6) Aniline | 7.517 | 93 | 146411 | 46.93 | ng | | 94 |
| 8) 2-Chlorophenol | 7.764 | 128 | 92840 | 47.90 | ng | | 98 |
| 9) Benzaldehyde | 7.329 | 77 | 75402 | 42.42 | ng | # | 81 |
| 10) Phenol | 7.370 | 94 | 120872 | 48.22 | ng | # | 51 |
| 11) bis(2-Chloroethyl)ether | 7.611 | 93 | 84808 | 42.65 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.093 | 146 | 120668 | 47.84 | ng | # | 84 |
| 13) 1,4-Dichlorobenzene | 8.240 | 146 | 120099m | 47.41 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.563 | 146 | 113403 | 47.20 | ng | | 92 |
| 15) Benzyl Alcohol | 8.433 | 79 | 120038 | 59.11 | ng | # | 79 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.733 | 45 | 81228 | 26.47 | ng | | 79 |
| 17) 2-Methylphenol | 8.633 | 107 | 80988 | 47.74 | ng | # | 82 |
| 18) Hexachloroethane | 9.303 | 117 | 47642 | 51.37 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 9.009 | 70 | 88805 | 51.14 | ng | | 90 |
| 20) 3+4-Methylphenols | 8.968 | 107 | 115762 | 50.94 | ng | # | 83 |
| 22) Acetophenone | 9.033 | 105 | 158109 | 51.01 | ng | # | 86 |
| 24) Nitrobenzene | 9.415 | 77 | 142157 | 55.78 | ng | # | 81 |
| 25) Isophorone | 9.938 | 82 | 237169 | 55.26 | ng | # | 92 |
| 26) 2-Nitrophenol | 10.131 | 139 | 57989 | 52.76 | ng | # | 54 |
| 27) 2,4-Dimethylphenol | 10.178 | 122 | 78560 | 53.23 | ng | | 87 |
| 28) bis(2-Chloroethoxy)met... | 10.419 | 93 | 118652 | 45.68 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.666 | 162 | 106435 | 52.19 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.889 | 180 | 135533 | 53.91 | ng | | 97 |
| 31) Naphthalene | 11.083 | 128 | 304764 | 49.52 | ng | | 99 |
| 32) Benzoic acid | 10.320 | 122 | 30478 | 29.66 | ng | # | 84 |
| 33) 4-Chloroaniline | 11.177 | 127 | 133510 | 51.57 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.359 | 225 | 121172 | 63.70 | ng | | 97 |
| 35) Caprolactam | 11.953 | 113 | 34379 | 51.59 | ng | # | 70 |
| 36) 4-Chloro-3-methylphenol | 12.282 | 107 | 117477 | 56.52 | ng | # | 88 |
| 37) 2-Methylnaphthalene | 12.670 | 142 | 241028 | 52.11 | ng | # | 86 |
| 38) 1-Methylnaphthalene | 12.887 | 142 | 216853 | 49.34 | ng | # | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 13.034 | 216 | 172138 | 51.60 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 13.010 | 237 | 102846 | 59.48 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.263 | 196 | 115420 | 53.22 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.334 | 196 | 111867 | 50.80 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 13.663 | 154 | 315729 | 45.64 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.710 | 162 | 261282 | 46.31 | ng | | 95 |
| 48) 2-Nitroaniline | 13.904 | 65 | 100970 | 54.00 | ng | # | 77 |
| 49) Acenaphthylene | 14.550 | 152 | 388202 | 47.04 | ng | | 98 |
| 50) Dimethylphthalate | 14.268 | 163 | 366879 | 49.17 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.391 | 165 | 75221 | 48.60 | ng | # | 45 |
| 52) Acenaphthene | 14.891 | 154 | 283733 | 53.78 | ng | | 98 |
| 53) 3-Nitroaniline | 14.720 | 138 | 75747 | 49.17 | ng | # | 78 |
| 54) 2,4-Dinitrophenol | 14.926 | 184 | 50497 | 50.86 | ng | # | 34 |
| 55) Dibenzofuran | 15.220 | 168 | 398966 | 45.99 | ng | | 94 |
| 56) 4-Nitrophenol | 15.014 | 139 | 59703 | 50.03 | ng | # | 28 |
| 57) 2,4-Dinitrotoluene | 15.173 | 165 | 110798 | 49.04 | ng | # | 63 |
| 58) Fluorene | 15.866 | 166 | 334582 | 47.99 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.443 | 232 | 116287 | 50.30 | ng | | 93 |
| 60) Diethylphthalate | 15.619 | 149 | 359626 | 48.79 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.854 | 204 | 214893 | 52.04 | ng | | 96 |
| 62) 4-Nitroaniline | 15.878 | 138 | 82244 | 49.71 | ng | # | 13 |
| 63) Azobenzene | 16.148 | 77 | 336202 | 50.90 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 15.936 | 198 | 73360 | 51.10 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 16.066 | 169 | 305513 | 48.10 | ng | | 92 |
| 67) 4-Bromophenyl-phenylether | 16.747 | 248 | 142533 | 49.43 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.871 | 284 | 154444 | 49.29 | ng | # | 91 |
| 69) Atrazine | 17.000 | 200 | 129856 | 47.80 | ng | | 98 |
| 70) Pentachlorophenol | 17.211 | 266 | 91778 | 53.75 | ng | | 94 |
| 71) Phenanthrene | 17.605 | 178 | 577567 | 48.20 | ng | | 95 |
| 72) Anthracene | 17.693 | 178 | 557678 | 47.91 | ng | | 97 |
| 73) Carbazole | 17.958 | 167 | 495973 | 48.26 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.498 | 149 | 592812 | 47.17 | ng | # | 96 |
| 75) Fluoranthene | 19.597 | 202 | 771815 | 50.57 | ng | | 93 |
| 77) Benzidine | 19.767 | 184 | 275926 | 39.59 | ng | | 96 |
| 78) Pyrene | 19.961 | 202 | 769090 | 53.15 | ng | | 95 |
| 80) Butylbenzylphthalate | 20.825 | 149 | 272599 | 49.93 | ng | # | 86 |
| 81) Benzo(a)anthracene | 21.818 | 228 | 762414 | 51.76 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.724 | 252 | 266105 | 52.21 | ng | # | 93 |
| 83) Chrysene | 21.888 | 228 | 709375 | 50.03 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.700 | 149 | 364065 | 47.67 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.952 | 149 | 620536 | 48.35 | ng | # | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 29.050 | 276 | 889950 | 52.56 | ng | # | 86 |
| 88) Benzo(b)fluoranthene | 24.127 | 252 | 811032 | 53.26 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 24.197 | 252 | 776928 | 52.23 | ng | # | 94 |
| 90) Benzo(a)pyrene | 25.032 | 252 | 752713 | 52.96 | ng | # | 93 |
| 91) Dibenzo(a,h)anthracene | 29.115 | 278 | 723588 | 52.51 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 30.255 | 276 | 710790 | 52.01 | ng | # | 89 |

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

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