Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024663.D
Acq On : 30 Jan 2020 17:57
Operator : CG/JU
Sample : PB126427BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 30 23:48:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB126427BS

**Manual Integrations APPROVED**
mohammad
2/3/2020 7:55:35 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 174952 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.19 | 136 | 607300 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.08 | 164 | 390161 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 16.83 | 188 | 852863 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.04 | 240 | 964829 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.16 | 264 | 1234796 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 1017676 | 110.62 | ng | 0.00 |
| 7) Phenol-d6 | 6.63 | 99 | 1246410 | 98.35 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.57 | 82 | 719713 | 58.12 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.58 | 330 | 707774 | 111.52 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.69 | 172 | 1926764 | 67.14 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.49 | 244 | 3243174 | 62.75 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.06 | 88 | 128542 | 35.323 | ng | 91 |
| 3) Pyridine | 3.44 | 79 | 312507 | 29.623 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 137595 | 29.385 | ng | 80 |
| 6) Aniline | 6.77 | 93 | 429577 | 27.845 | ng | 96 |
| 8) 2-Chlorophenol | 7.00 | 128 | 410160 | 39.165 | ng | 90 |
| 9) Benzaldehyde | 6.58 | 77 | 191541 | 25.579 | ng | 91 |
| 10) Phenol | 6.66 | 94 | 446077 | 35.312 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.87 | 93 | 339783 | 33.599 | ng | 95 |
| 12) 1,3-Dichlorobenzene | 7.32 | 146 | 490338 | 38.113 | ng | 95 |
| 13) 1,4-Dichlorobenzene | 7.46 | 146 | 498707 | 38.209 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.77 | 146 | 476123 | 37.792 | ng | 98 |
| 15) Benzyl Alcohol | 7.67 | 79 | 325583 | 31.160 | ng | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.97 | 45 | 250621 | 27.071 | ng | 95 |
| 17) 2-Methylphenol | 7.88 | 107 | 311511 | 34.993 | ng | 94 |
| 18) Hexachloroethane | 8.49 | 117 | 174545 | 34.632 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.24 | 70 | 260030 | 27.328 | ng | 96 |
| 20) 3+4-Methylphenols | 8.21 | 107 | 410706 | 33.329 | ng | 96 |
| 22) Acetophenone | 8.24 | 105 | 556087 | 35.511 | ng | 98 |
| 24) Nitrobenzene | 8.61 | 77 | 411984 | 34.717 | ng | 93 |
| 25) Isophorone | 9.14 | 82 | 701110 | 33.321 | ng | 96 |
| 26) 2-Nitrophenol | 9.32 | 139 | 227885 | 41.472 | ng | 89 |
| 27) 2,4-Dimethylphenol | 9.40 | 122 | 344040 | 46.074 | ng | 94 |
| 28) bis(2-Chloroethoxy)methane | 9.63 | 93 | 431161 | 33.544 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.85 | 162 | 407018 | 40.345 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.06 | 180 | 499686 | 41.069 | ng | 99 |
| 31) Naphthalene | 10.24 | 128 | 1209094 | 39.419 | ng | 99 |
| 32) Benzoic acid | 9.53 | 122 | 234631m | 34.350 | ng | |
| 33) 4-Chloroaniline | 10.35 | 127 | 237851 | 17.691 | ng | 95 |
| 34) Hexachlorobutadiene | 10.54 | 225 | 330716 | 39.320 | ng | 96 |
| 35) Caprolactam | 11.12 | 113 | 111516m | 34.455 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.50 | 107 | 359932 | 33.553 | ng | 91 |
| 37) 2-Methylnaphthalene | 11.86 | 142 | 900477 | 38.041 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.09 | 142 | 845693 | 37.559 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.25 | 216 | 555520 | 39.894 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.23 | 237 | 733234 | 93.943 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.50 | 196 | 356054 | 40.181 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 12.57 | 196 | 375000 | 41.438 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 12.90 | 154 | 1142295 | 38.687 | ng | | 99 |
| 47) 2-Chloronaphthalene | 12.94 | 162 | 935587 | 39.250 | ng | | 97 |
| 48) 2-Nitroaniline | 13.15 | 65 | 210139 | 28.905 | ng | | 88 |
| 49) Acenaphthylene | 13.80 | 152 | 1421493 | 39.836 | ng | | 100 |
| 50) Dimethylphthalate | 13.56 | 163 | 1115526 | 35.358 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.66 | 165 | 250487 | 37.344 | ng | # | 82 |
| 52) Acenaphthene | 14.15 | 154 | 842757 | 38.060 | ng | | 99 |
| 53) 3-Nitroaniline | 13.99 | 138 | 153111 | 22.008 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.20 | 184 | 297543 | 74.179 | ng | # | 87 |
| 55) Dibenzofuran | 14.49 | 168 | 1400196 | 38.773 | ng | | 97 |
| 56) 4-Nitrophenol | 14.32 | 139 | 424421 | 78.045 | ng | # | 85 |
| 57) 2,4-Dinitrotoluene | 14.46 | 165 | 345008 | 35.889 | ng | # | 86 |
| 58) Fluorene | 15.14 | 166 | 1103729 | 36.369 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.72 | 232 | 352367 | 38.396 | ng | | 96 |
| 60) Diethylphthalate | 14.94 | 149 | 1054856 | 32.934 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.15 | 204 | 620624 | 35.472 | ng | | 97 |
| 62) 4-Nitroaniline | 15.16 | 138 | 230324 | 29.993 | ng | | 88 |
| 63) Azobenzene | 15.44 | 77 | 829314 | 30.354 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylphenol | 15.23 | 198 | 213988 | 42.673 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 15.36 | 169 | 967694 | 39.500 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.04 | 248 | 406644 | 38.341 | ng | | 96 |
| 68) Hexachlorobenzene | 16.15 | 284 | 479354 | 39.385 | ng | | 95 |
| 69) Atrazine | 16.33 | 200 | 381038 | 40.520 | ng | | 97 |
| 70) Pentachlorophenol | 16.49 | 266 | 600906 | 81.055 | ng | | 99 |
| 71) Phenanthrene | 16.87 | 178 | 1785896 | 38.669 | ng | | 99 |
| 72) Anthracene | 16.97 | 178 | 1817432 | 40.218 | ng | | 99 |
| 73) Carbazole | 17.24 | 167 | 1594150 | 38.751 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.83 | 149 | 1749769 | 33.271 | ng | | 99 |
| 75) Fluoranthene | 18.90 | 202 | 2239992 | 38.860 | ng | | 99 |
| 77) Benzidine | 19.10 | 184 | 1387245 | 61.739 | ng | | 99 |
| 78) Pyrene | 19.27 | 202 | 2322686 | 36.517 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.20 | 149 | 826770 | 30.977 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.03 | 228 | 2541763 | 37.957 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.97 | 252 | 816817 | 33.908 | ng | | 98 |
| 83) Chrysene | 21.08 | 228 | 2428921 | 38.012 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 1218105 | 30.932 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 21.85 | 149 | 2191141 | 33.678 | ng | # | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 25.23 | 276 | 3563727 | 51.170 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.54 | 252 | 2909332 | 36.328 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.58 | 252 | 2814720 | 36.007 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.07 | 252 | 2706209 | 37.167 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.24 | 278 | 3030546 | 43.852 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 25.85 | 276 | 3037684 | 48.408 | ng | | 98 |

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

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