Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
Data File : BP014300.D
Acq On : 24 Mar 2023 21:49
Operator : CG/JU
Sample : PB151516BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 25 03:22:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 03:19:01 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB151516BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.028 | 152 | 186669 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.851 | 136 | 676742 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.675 | 164 | 381644 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.433 | 188 | 736976 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.515 | 240 | 610059 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.033 | 264 | 620464 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 1699241 | 147.627 | ng | | 0.00 |
| 7) Phenol-d6 | 7.199 | 99 | 2158376 | 142.823 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.210 | 82 | 1462671 | 98.786 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.175 | 330 | 806542 | 130.344 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.298 | 172 | 2871318 | 97.474 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.974 | 244 | 3740273 | 101.097 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.440 | 88 | 200887 | 40.174 | ng | | 94 |
| 3) Pyridine | 3.852 | 79 | 530969 | 38.236 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.763 | 42 | 286980 | 46.557 | ng | | 96 |
| 6) Aniline | 7.357 | 93 | 772995 | 38.939 | ng | | 97 |
| 8) 2-Chlorophenol | 7.593 | 128 | 586516 | 47.576 | ng | | 95 |
| 9) Benzaldehyde | 7.169 | 77 | 456640m | 60.382 | ng | | |
| 10) Phenol | 7.222 | 94 | 765230 | 48.653 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.451 | 93 | 600531 | 48.222 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.916 | 146 | 664971 | 49.086 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.069 | 146 | 677994 | 49.470 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.387 | 146 | 643953 | 49.056 | ng | | 99 |
| 15) Benzyl Alcohol | 8.281 | 79 | 583827m | 47.384 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.563 | 45 | 787742m | 58.102 | ng | | |
| 17) 2-Methylphenol | 8.481 | 107 | 501226 | 44.683 | ng | | 99 |
| 18) Hexachloroethane | 9.116 | 117 | 261809 | 50.851 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.845 | 70 | 484939 | 48.752 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.810 | 107 | 663272 | 43.905 | ng | | 99 |
| 22) Acetophenone | 8.869 | 105 | 930721 | 49.031 | ng | # | 98 |
| 24) Nitrobenzene | 9.251 | 77 | 735352 | 48.538 | ng | | 97 |
| 25) Isophorone | 9.781 | 82 | 1245965 | 45.669 | ng | | 98 |
| 26) 2-Nitrophenol | 9.963 | 139 | 311585 | 47.283 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.022 | 122 | 513433 | 47.918 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.257 | 93 | 764047 | 48.386 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.498 | 162 | 531147 | 45.285 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.716 | 180 | 617426 | 46.367 | ng | | 98 |
| 31) Naphthalene | 10.904 | 128 | 1723222 | 46.341 | ng | | 99 |
| 32) Benzoic acid | 10.187 | 122 | 328200 | 37.583 | ng | | 92 |
| 33) 4-Chloroaniline | 11.028 | 127 | 192802 | 12.095 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.181 | 225 | 427303 | 44.137 | ng | | 97 |
| 35) Caprolactam | 11.822 | 113 | 142171m | 42.346 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.139 | 107 | 583160 | 44.580 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.504 | 142 | 1162770 | 42.384 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.728 | 142 | 1081500 | 42.291 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.875 | 216 | 710948 | 48.872 | ng | # | 99 |
| 41) Hexachlorocyclopentadiene | 12.845 | 237 | 1018793 | 111.594 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.116 | 196 | 424221 | 46.135 | ng | | 99 |

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BNA_P
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.186 | 196 | 450651 | 42.294 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.510 | 154 | 1533754 | 49.928 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.557 | 162 | 1171293 | 49.530 | ng | | 99 |
| 48) 2-Nitroaniline | 13.763 | 65 | 369683 | 51.511 | ng | | 92 |
| 49) Acenaphthylene | 14.398 | 152 | 1782947 | 47.410 | ng | | 100 |
| 50) Dimethylphthalate | 14.133 | 163 | 1399839 | 44.460 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.257 | 165 | 302584 | 45.636 | ng | | 94 |
| 52) Acenaphthene | 14.739 | 154 | 1058808 | 46.770 | ng | | 99 |
| 53) 3-Nitroaniline | 14.592 | 138 | 175725 | 27.043 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.798 | 184 | 383768 | 78.137 | ng | | 93 |
| 55) Dibenzofuran | 15.075 | 168 | 1709439 | 46.318 | ng | | 99 |
| 56) 4-Nitrophenol | 14.898 | 139 | 468069 | 88.460 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 15.045 | 165 | 403352 | 45.510 | ng | # | 94 |
| 58) Fluorene | 15.727 | 166 | 1332054 | 45.454 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.304 | 232 | 390537 | 42.013 | ng | | 95 |
| 60) Diethylphthalate | 15.492 | 149 | 1374270 | 44.208 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.716 | 204 | 712307 | 42.877 | ng | | 96 |
| 62) 4-Nitroaniline | 15.757 | 138 | 281506 | 43.508 | ng | | 91 |
| 63) Azobenzene | 16.010 | 77 | 1454881 | 50.578 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 198 | 242199 | 44.369 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 15.933 | 169 | 1138543 | 48.890 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.616 | 248 | 439251 | 45.059 | ng | | 95 |
| 68) Hexachlorobenzene | 16.733 | 284 | 502633 | 48.103 | ng | | 99 |
| 69) Atrazine | 16.886 | 200 | 408384 | 49.948 | ng | | 98 |
| 70) Pentachlorophenol | 17.080 | 266 | 608528 | 80.751 | ng | | 99 |
| 71) Phenanthrene | 17.480 | 178 | 1985419 | 48.224 | ng | | 99 |
| 72) Anthracene | 17.569 | 178 | 1999451 | 47.529 | ng | | 100 |
| 73) Carbazole | 17.839 | 167 | 1733032 | 47.758 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.369 | 149 | 2164715 | 47.712 | ng | | 99 |
| 75) Fluoranthene | 19.433 | 202 | 2164369 | 43.982 | ng | | 97 |
| 77) Benzidine | 19.616 | 184 | 1069385 | 93.441 | ng | | 100 |
| 78) Pyrene | 19.786 | 202 | 2247065 | 47.989 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.645 | 149 | 894068 | 50.365 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.498 | 228 | 2095644 | 46.817 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.427 | 252 | 516131 | 36.036 | ng | | 99 |
| 83) Chrysene | 21.557 | 228 | 1951817 | 46.044 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.398 | 149 | 1292466 | 49.629 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.357 | 149 | 2122533 | 50.209 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.680 | 276 | 2333622 | 48.676 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.262 | 252 | 2051511 | 50.495 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.309 | 252 | 1997015 | 49.576 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.921 | 252 | 1764279 | 45.527 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.698 | 278 | 1946682 | 48.843 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.497 | 276 | 1915535 | 48.497 | ng | | 98 |

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

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